

## Chapter 3 Figures

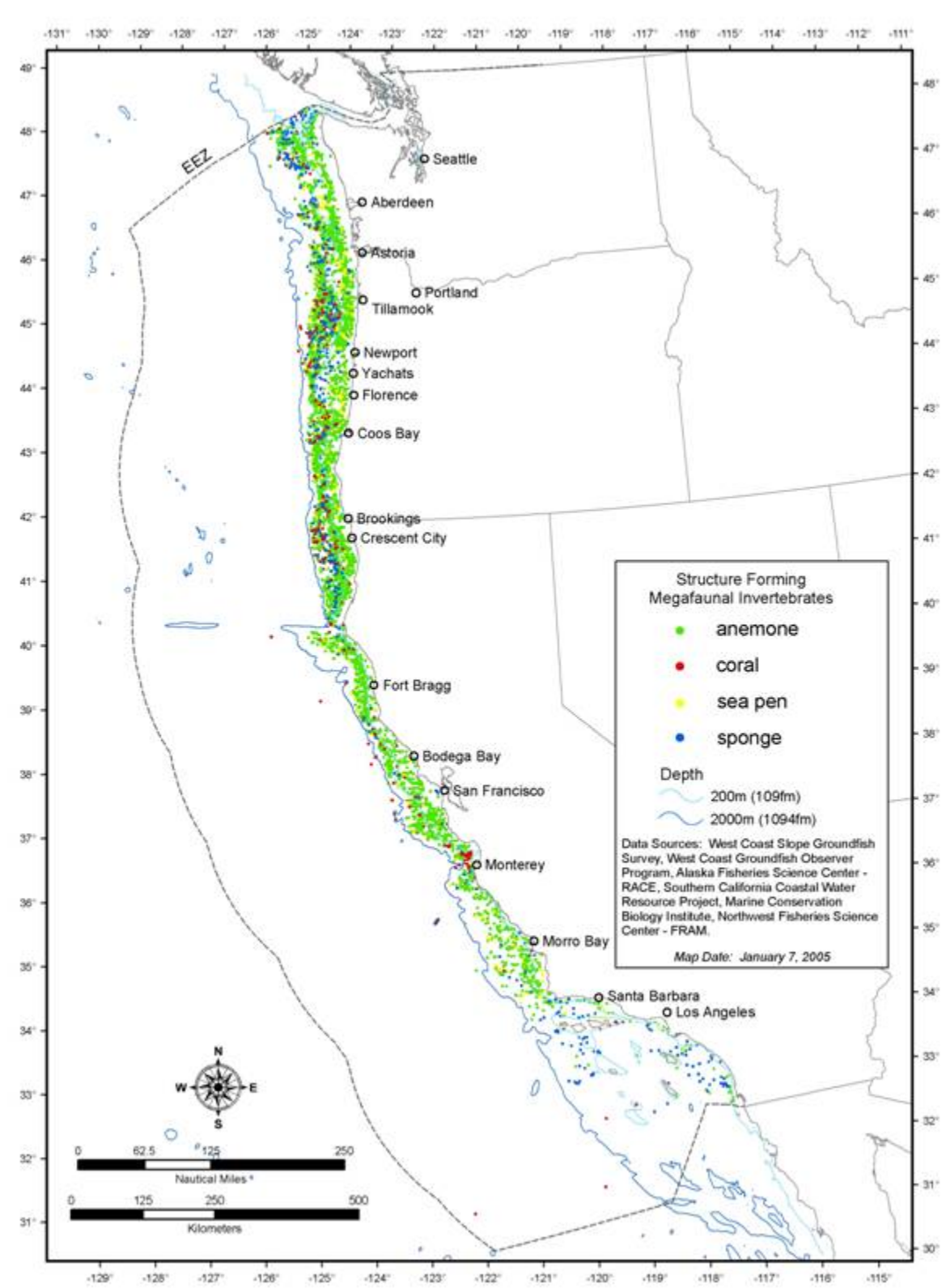


Figure 3-1: Observed structure-forming megafaunal invertebrates

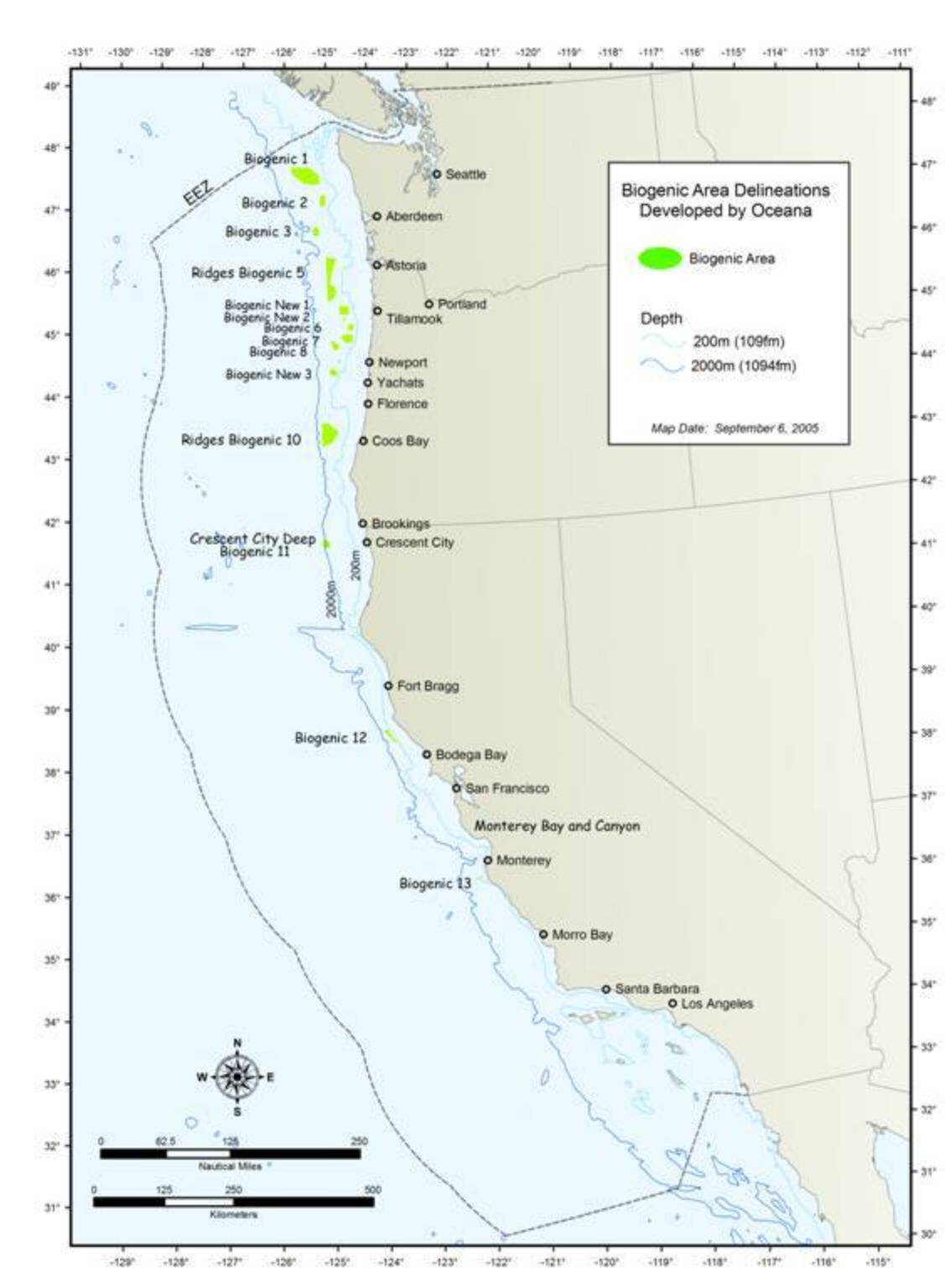
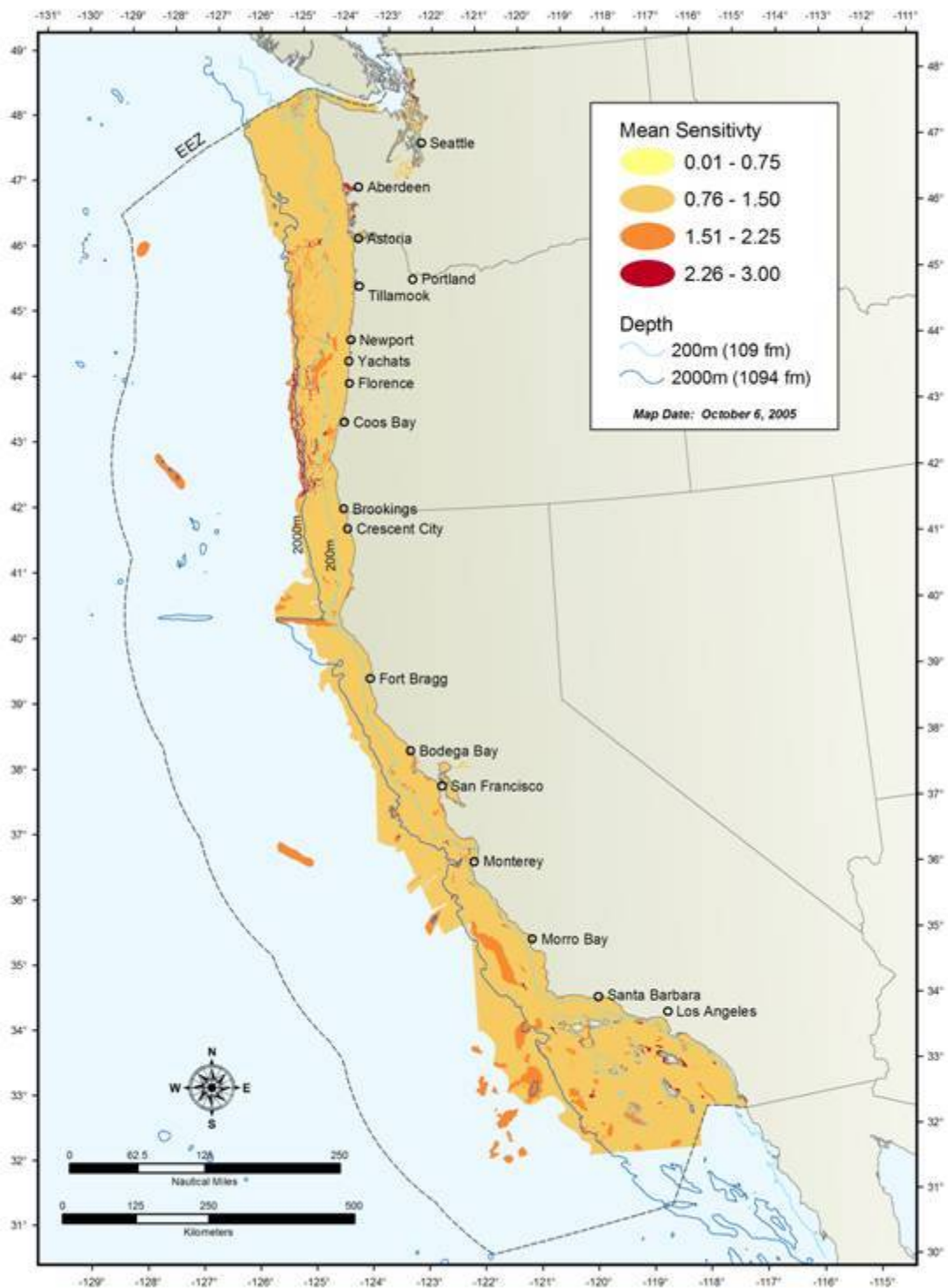
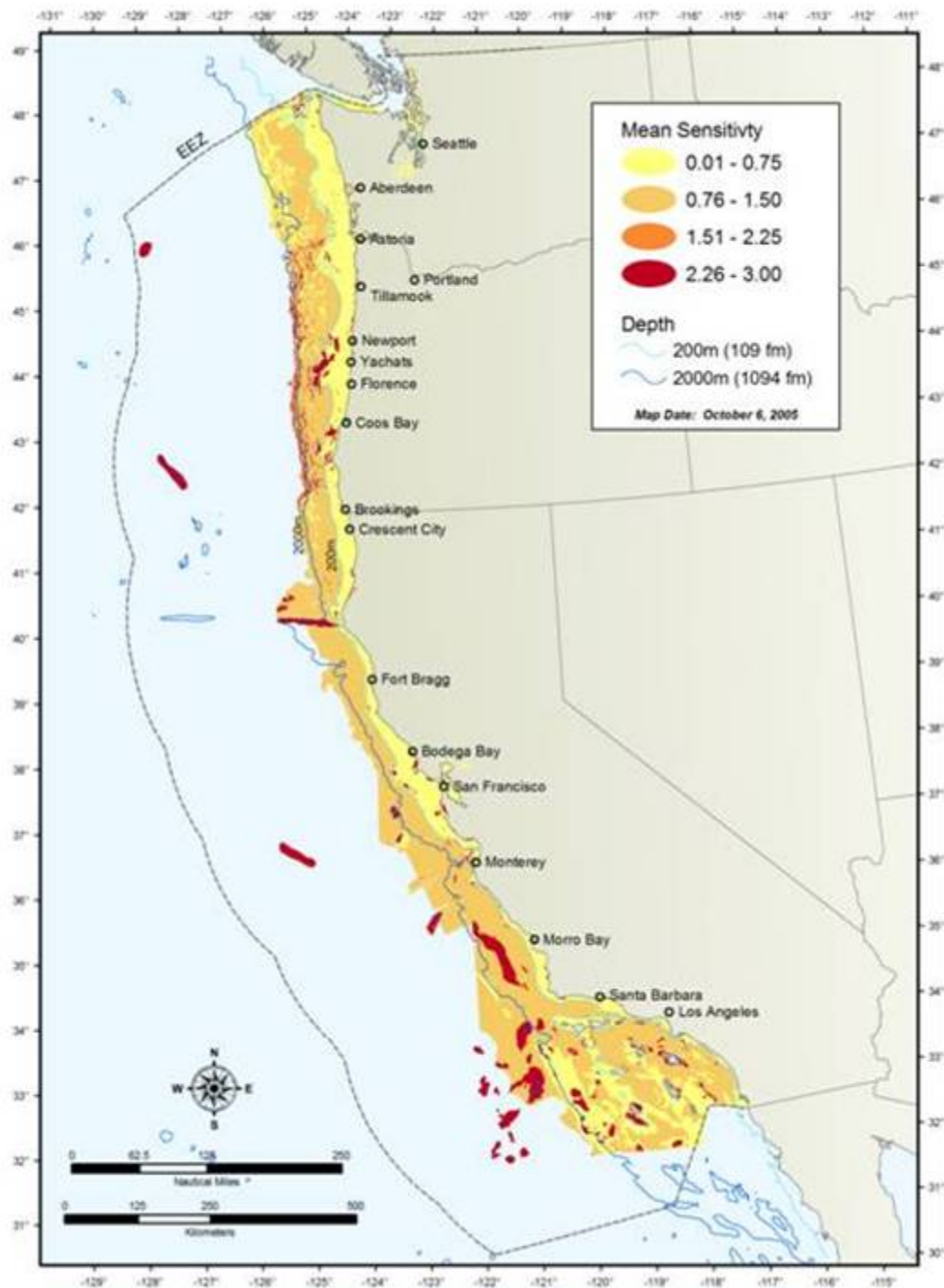


Figure 3-2: Biogenic Areas Delineated by Oceana (added since Draft EIS)



**Figure 3-3: Habitat map by sensitivity to impacts from fishing gear – dredge (updated since draft EIS).**



**Figure 3-3: Habitat map by sensitivity to impacts from fishing gear – bottom trawl (updated since draft EIS).**



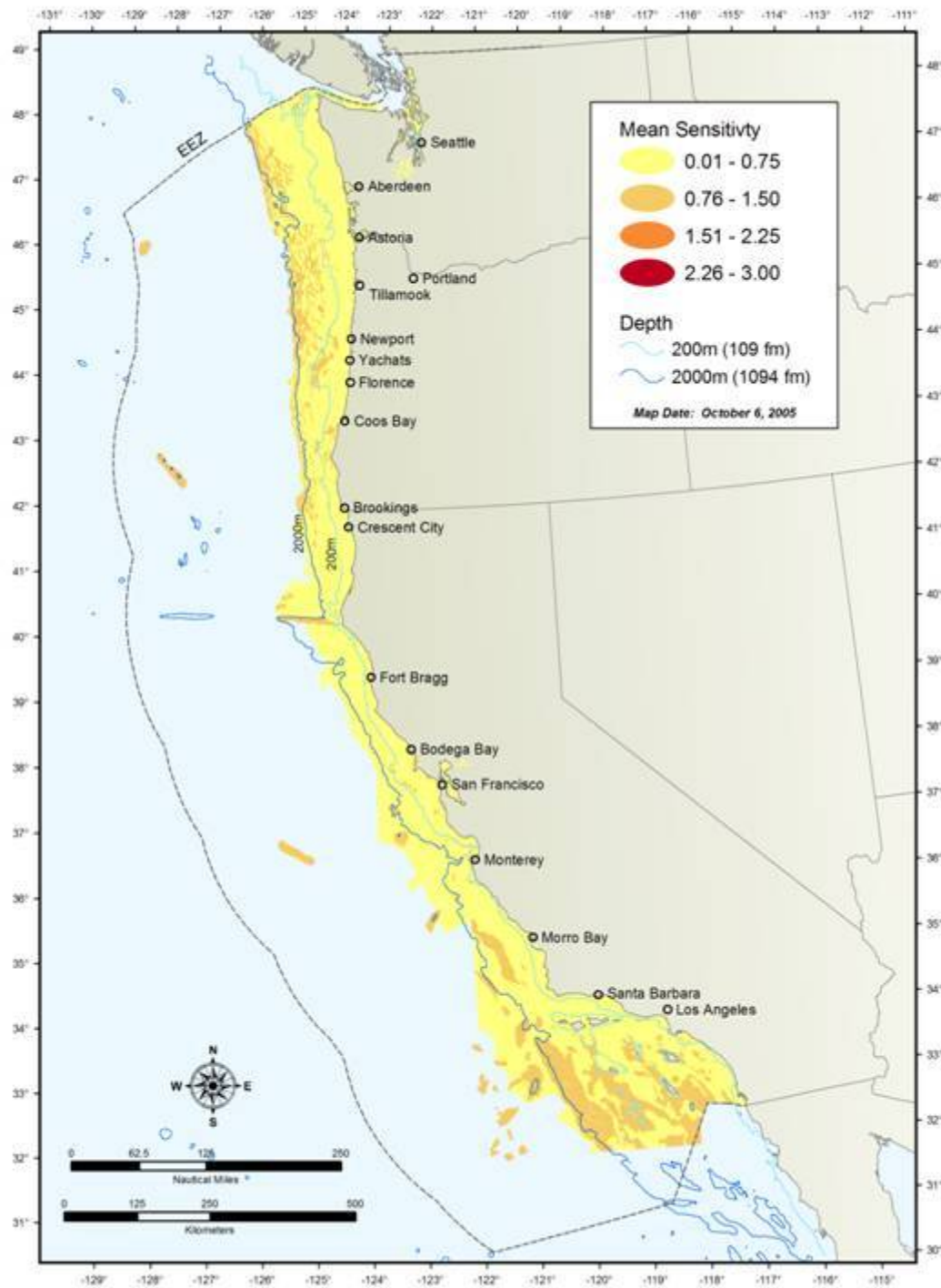
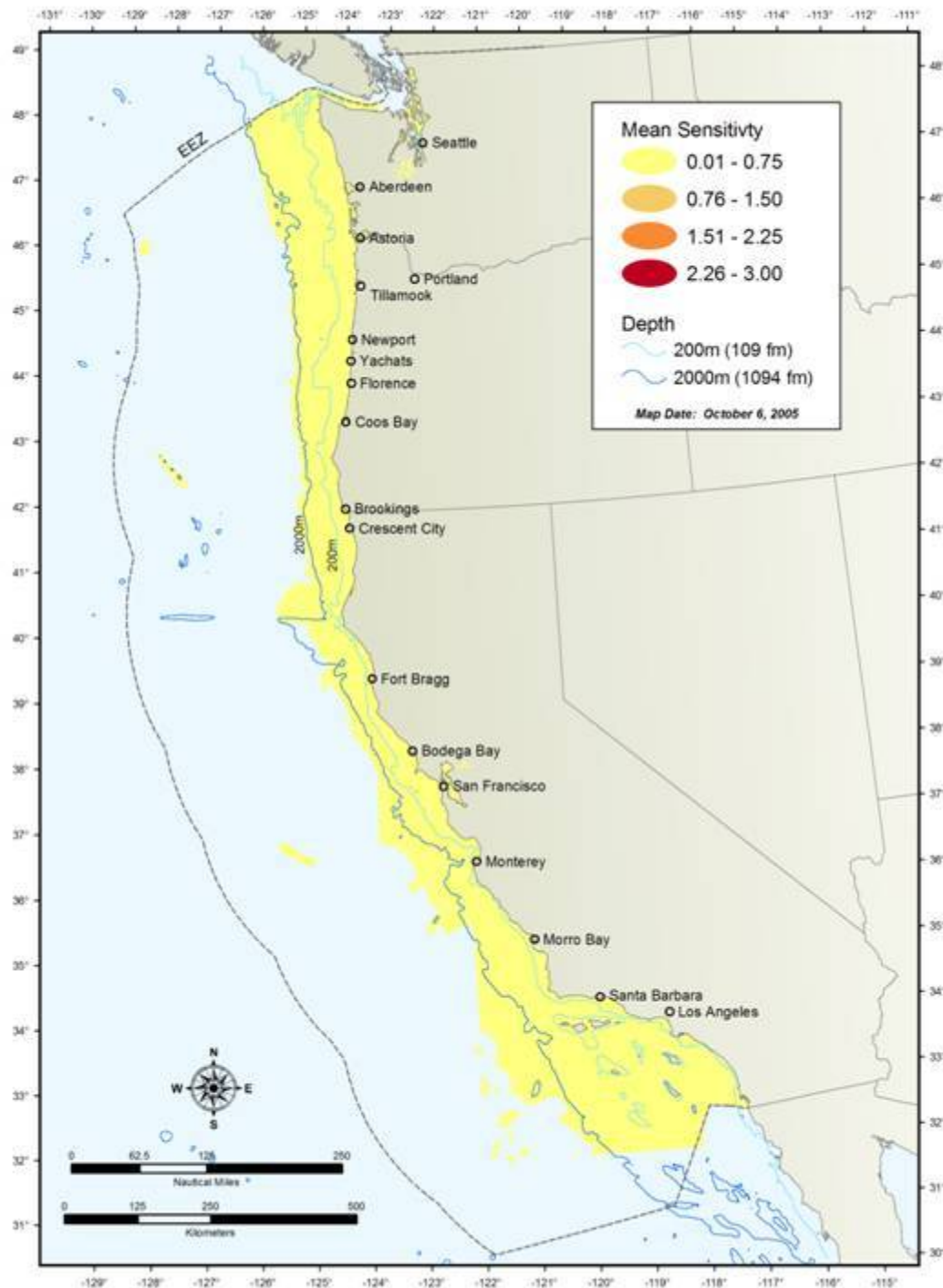
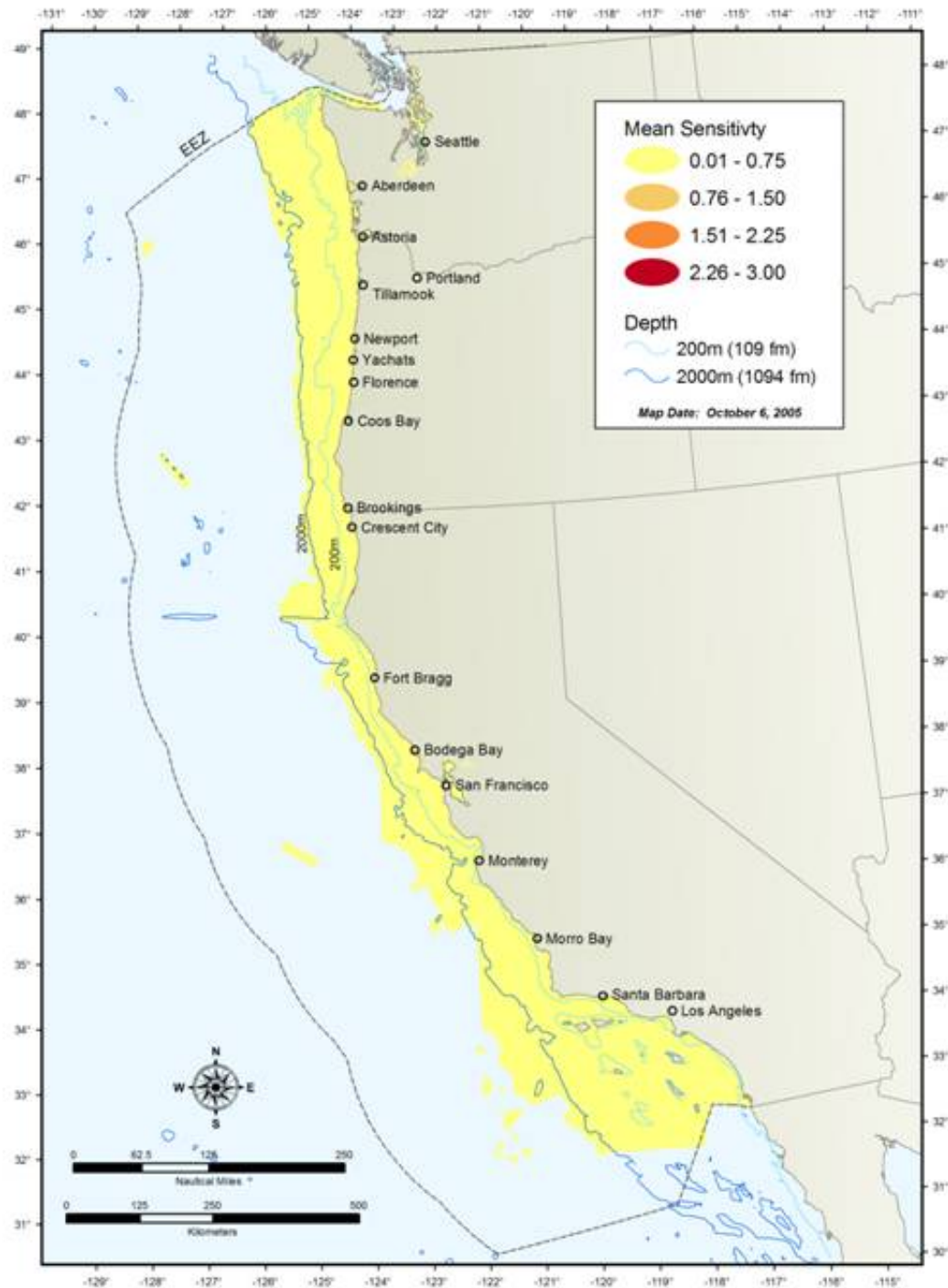


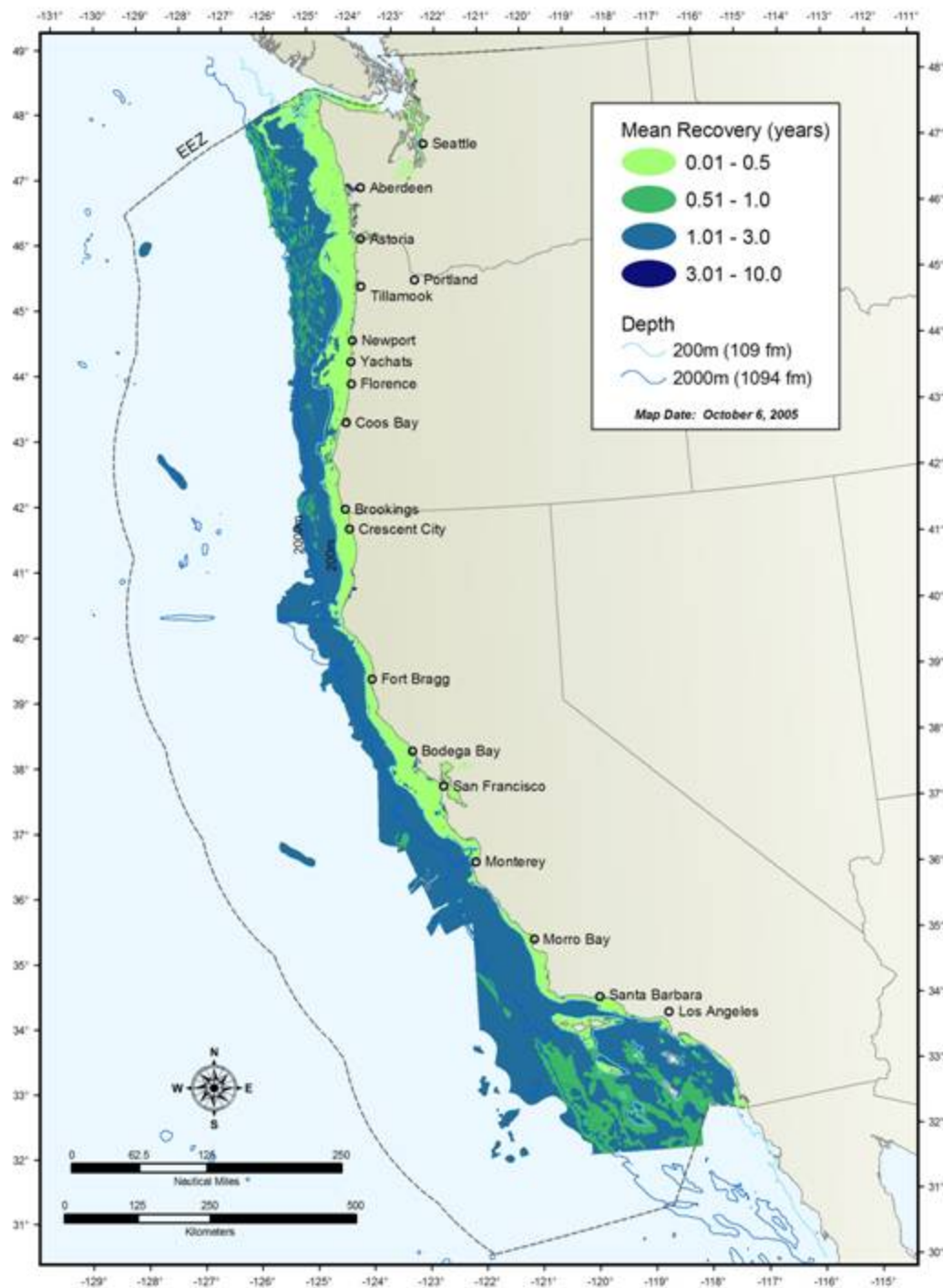
Figure 3-3: Habitat map by sensitivity to impacts from fishing gear – net (updated since Draft EIS).



**Figure 3-3: Habitat map by sensitivity to impacts from fishing gear – pot and trap (updated since Draft EIS).**

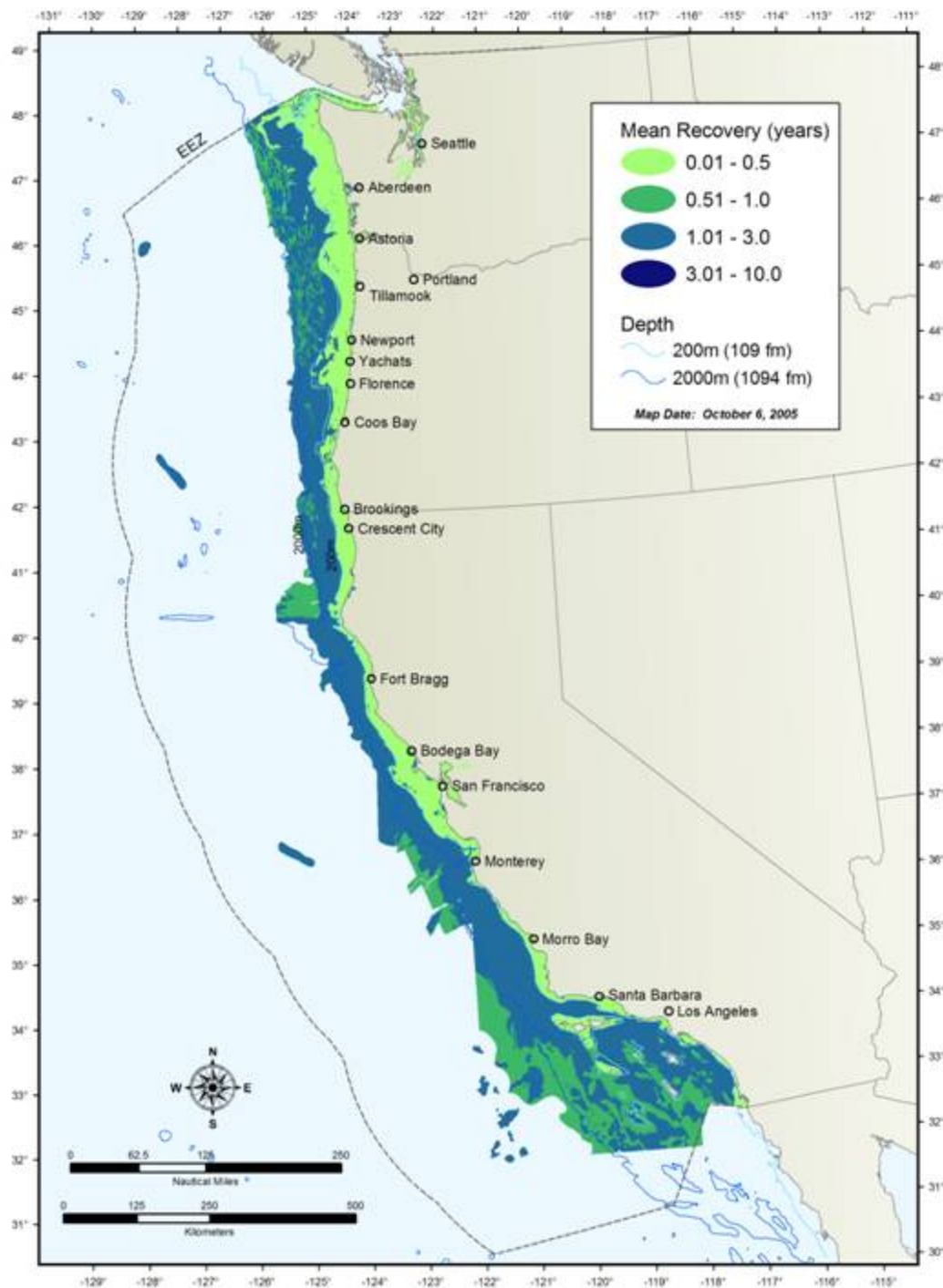


**Figure 3-3: Habitat map by sensitivity to impacts from fishing gear – hook and line (updated since Draft EIS).**

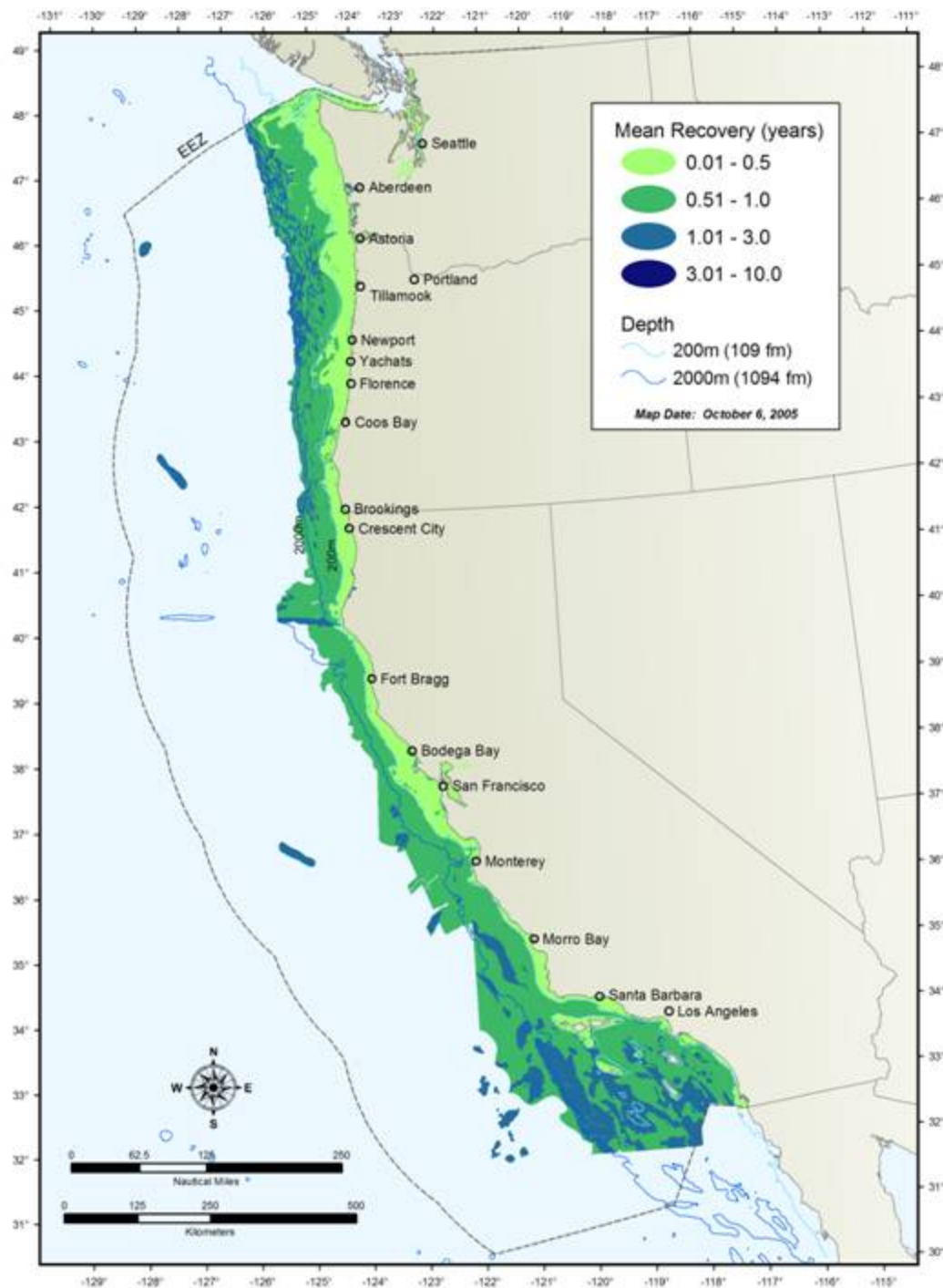


**Figure 3-4: Habitat map by recovery times from impact by fishing gear - dredge (updated since Draft EIS.**

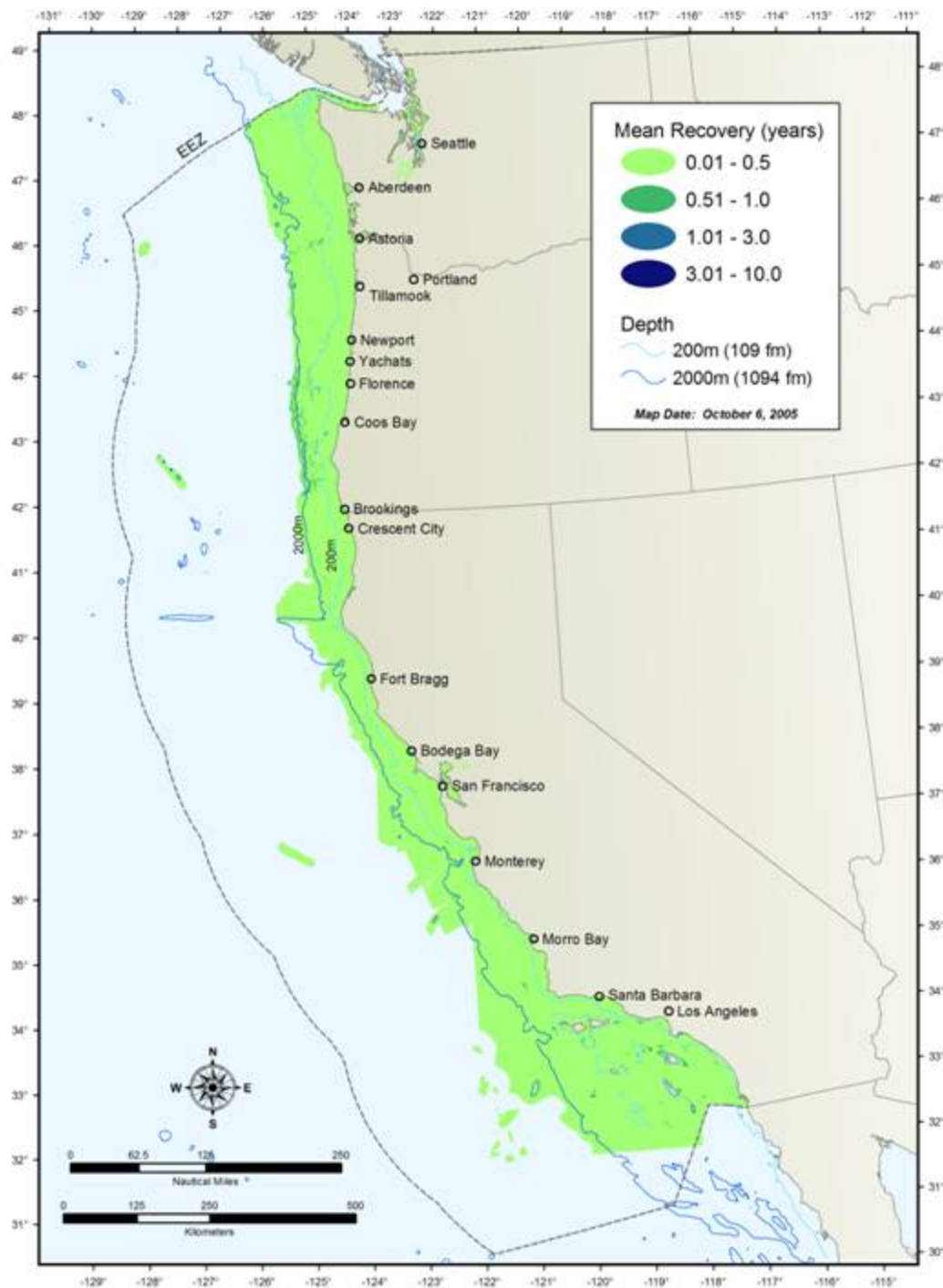




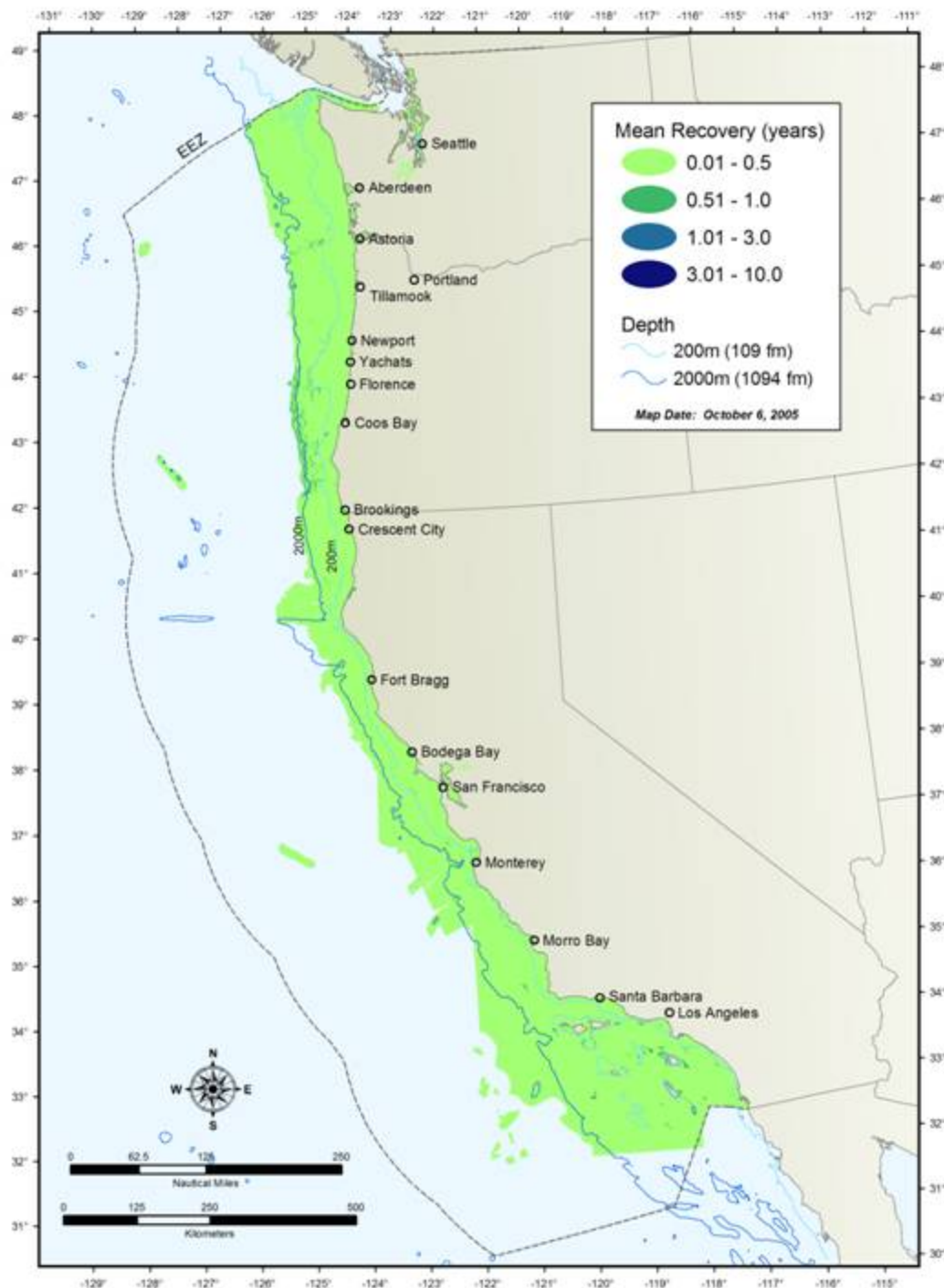
**Figure 3-4: Habitat map by recovery times from impact by fishing gear – bottom trawl (updated since Draft EIS.**



**Figure 3-4: Habitat map by recovery times from impact by fishing gear - net (updated since Draft EIS.**



**Figure 3-4: Habitat map by recovery times from impact by fishing gear – pot and trap (updated since Draft EIS.**



**Figure 3-4: Habitat map by recovery times from impact by fishing gear – hook and line (updated since Draft EIS.**



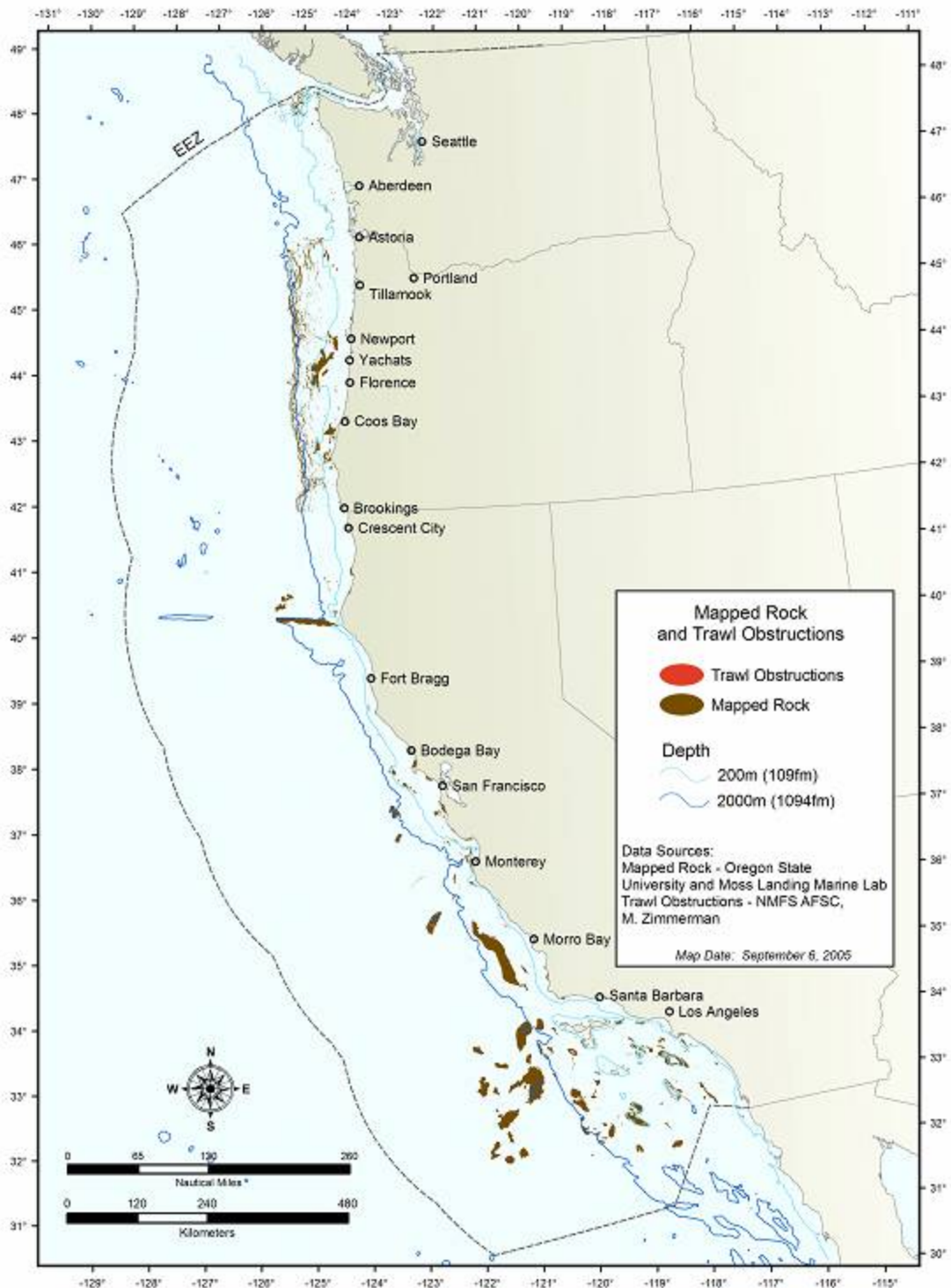


Figure 3-5: Rocky substrate (updated since Draft EIS)

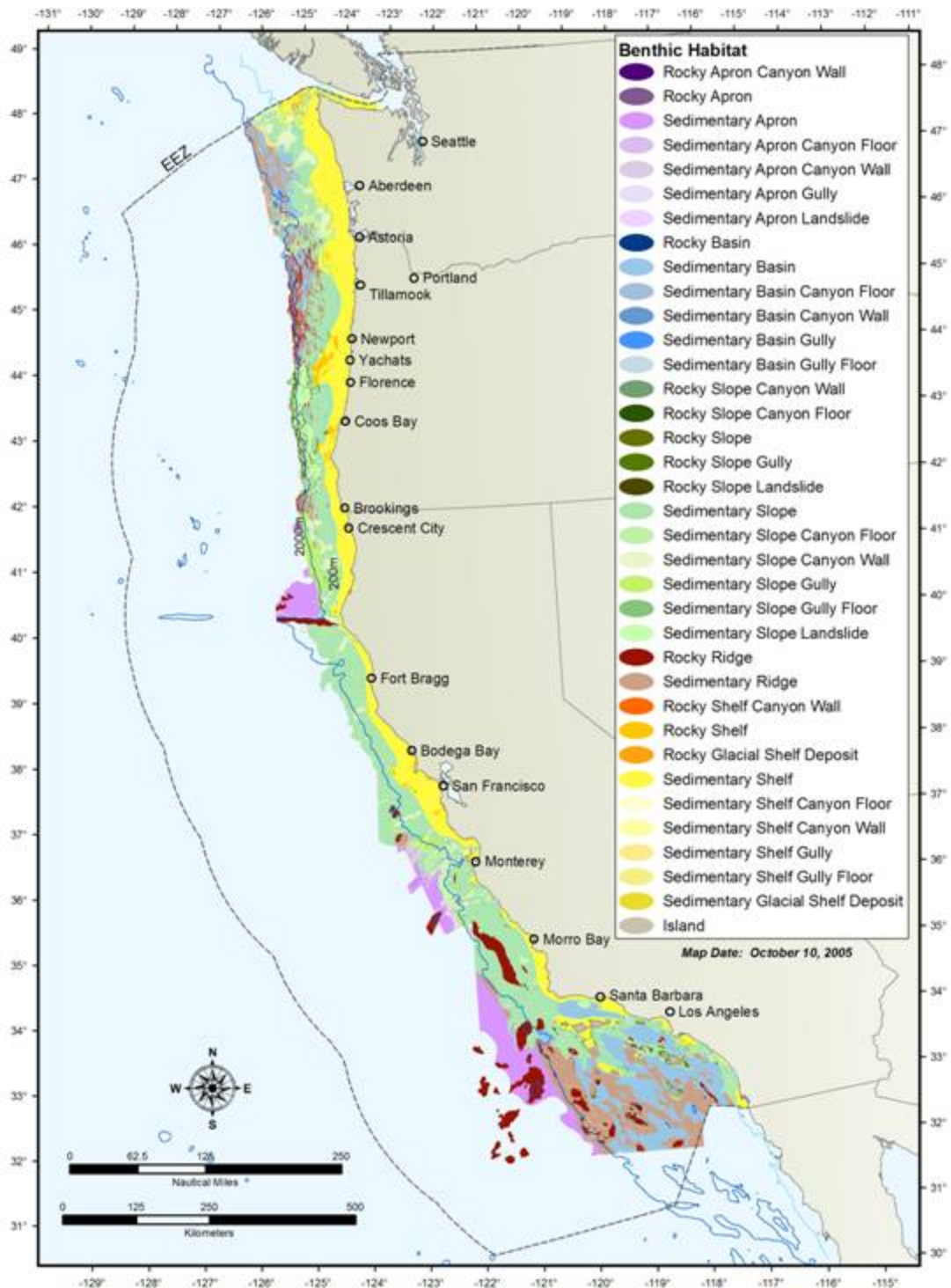


Figure 3-6: Benthic types off the coasts of Washington, Oregon and California (updated since Draft EIS).

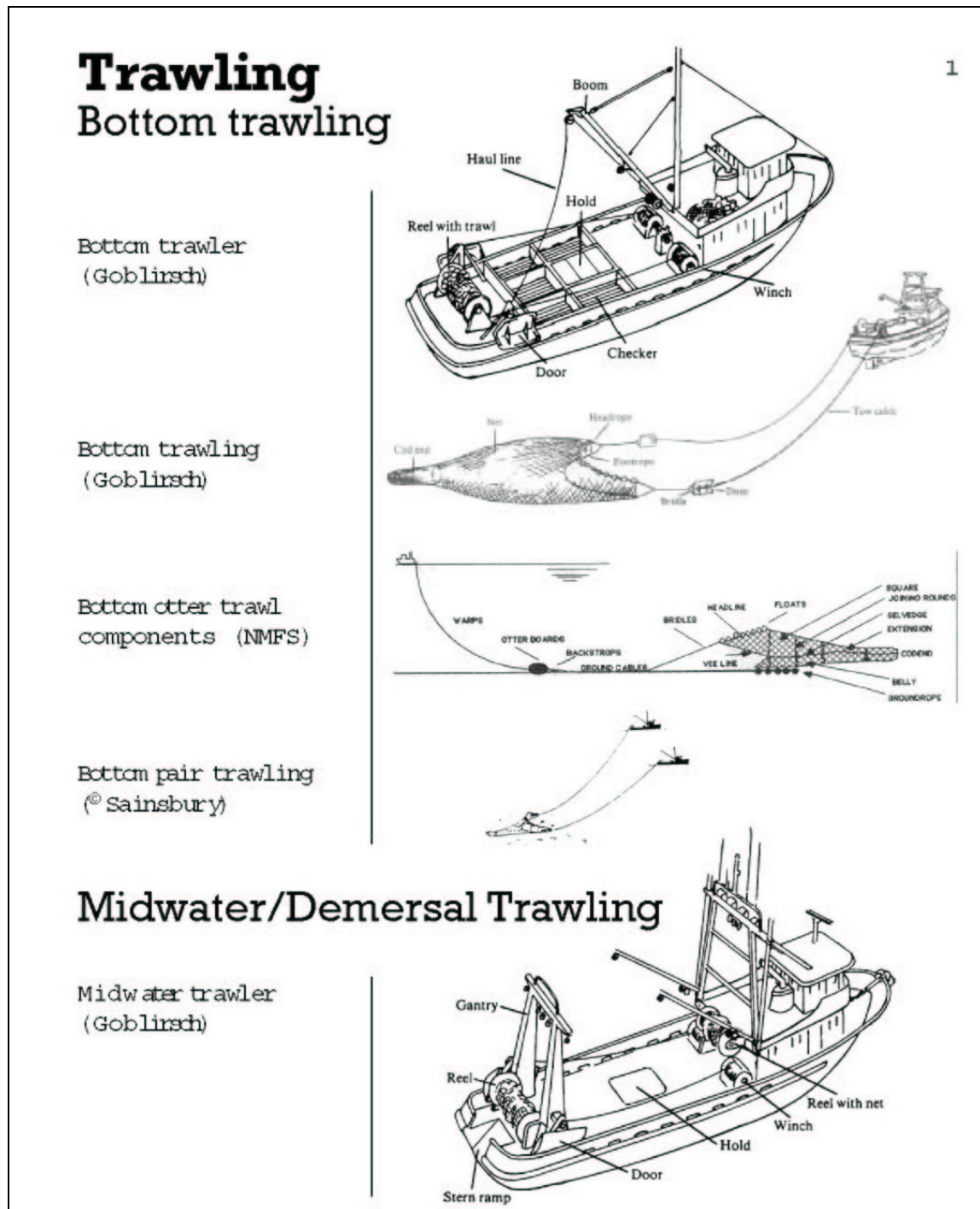


Figure 3-7: Graphic showing major trawl types (copyrighted images are used by permission and may not be reproduced).

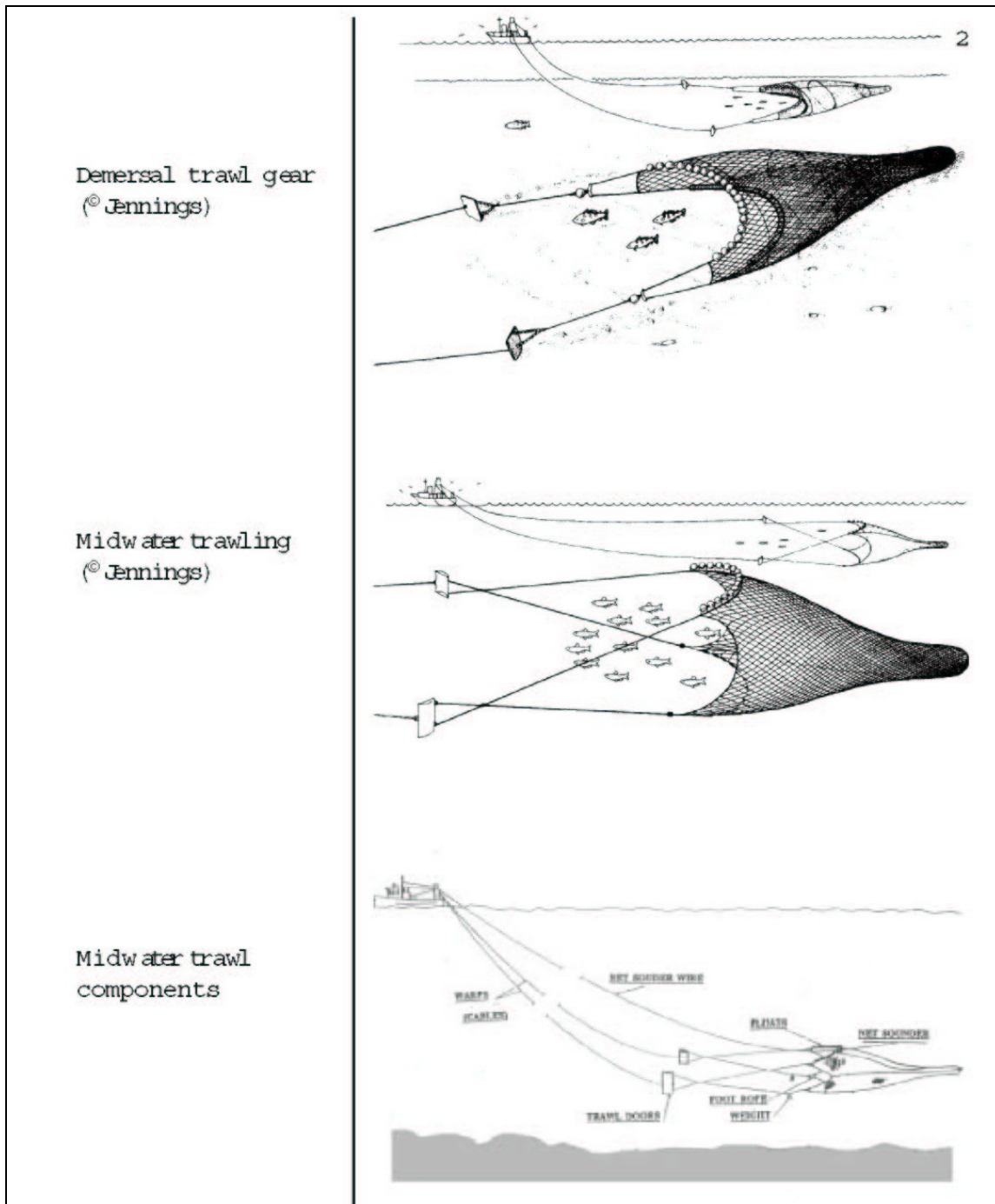


Figure 3-8: Graphic showing major trawl types from an in-water perspective (copyrighted images are used by permission and may not be reproduced).



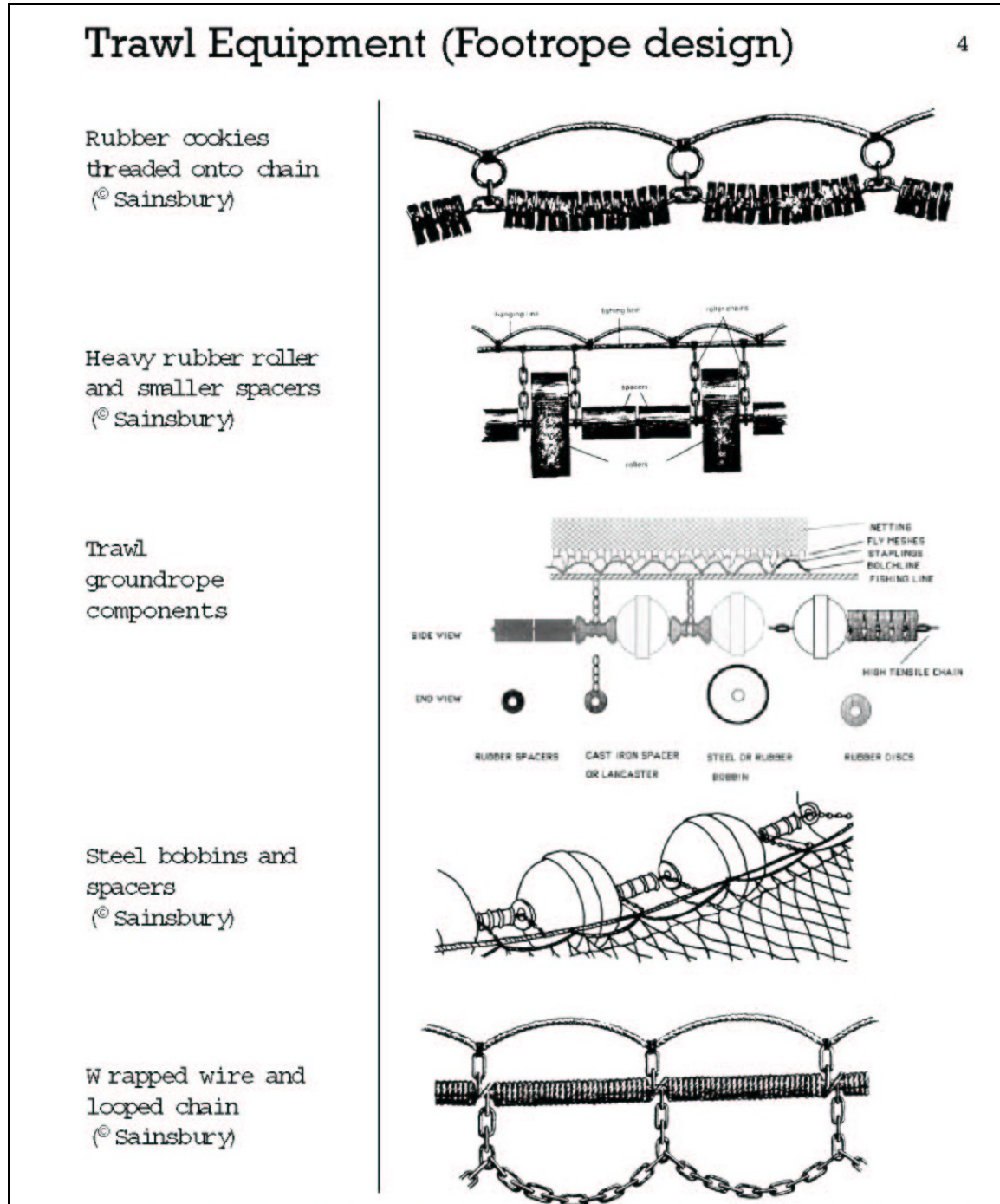


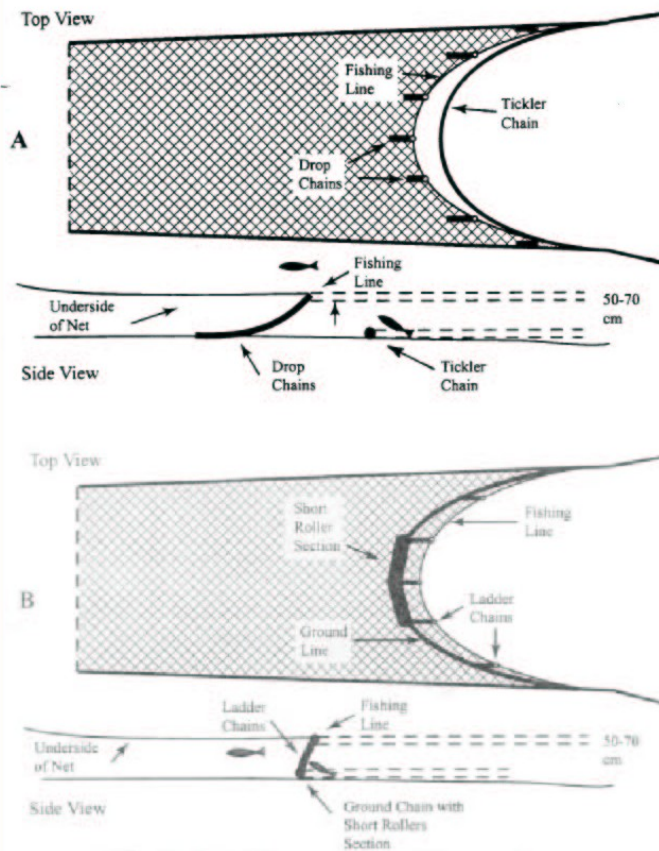
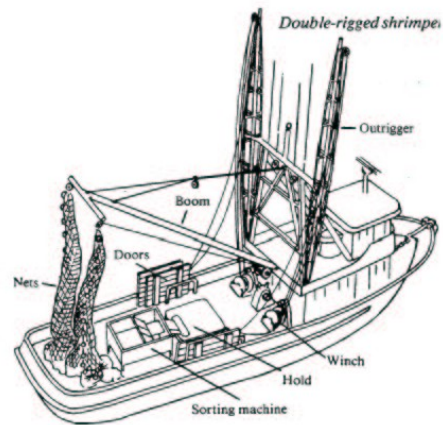
Figure 3-9: Trawl footrope design (copyrighted images are used by permission and may not be reproduced).

## Shrimp trawling

Shrimp trawler  
(Goblirsch)

Shrimp trawl with  
tickler and dropper  
chains (Hanna and  
Jones)

Shrimp trawl with ladder-roller configuration (Hannah and Jones)

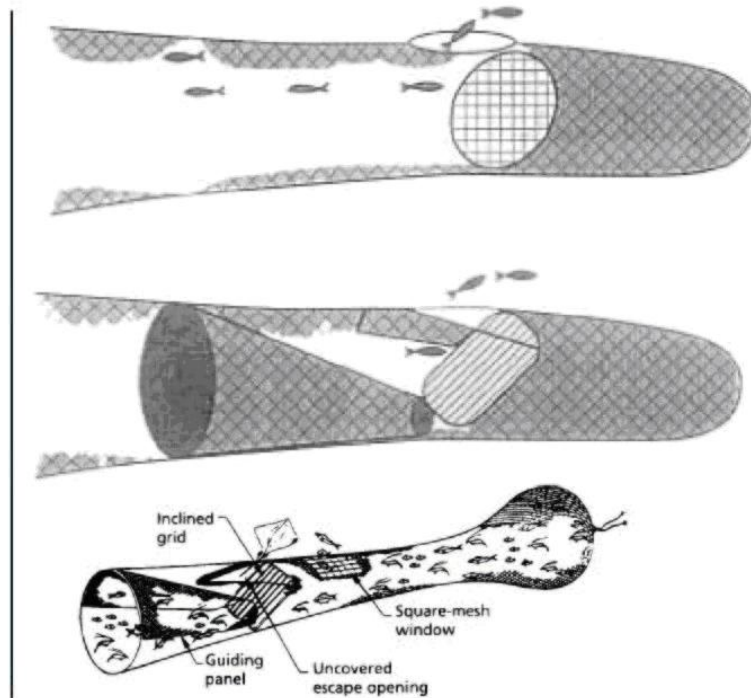


## Bycatch reduction devices

Large mesh panel  
bycatch reduction  
device (Hannah and  
Jones)

Nordmore grate  
bycatch reduction  
device (Hannah and  
Jones)

Trawl efficiency  
device/TED  
(Eayrs, 1997)<sup>/1</sup>



**Figure 3-11: Bycatch reduction devices for trawl gear (copyrighted images are used by permission and may not be reproduced).**

/1 This figure was incorrectly cited in the December 2005 FEIS and was modified on August 20, 2008. The correct citation is: Eayrs, S. et al. 1997. A guide to bycatch reduction in Australian prawn trawl fisheries. Australian Maritime College.

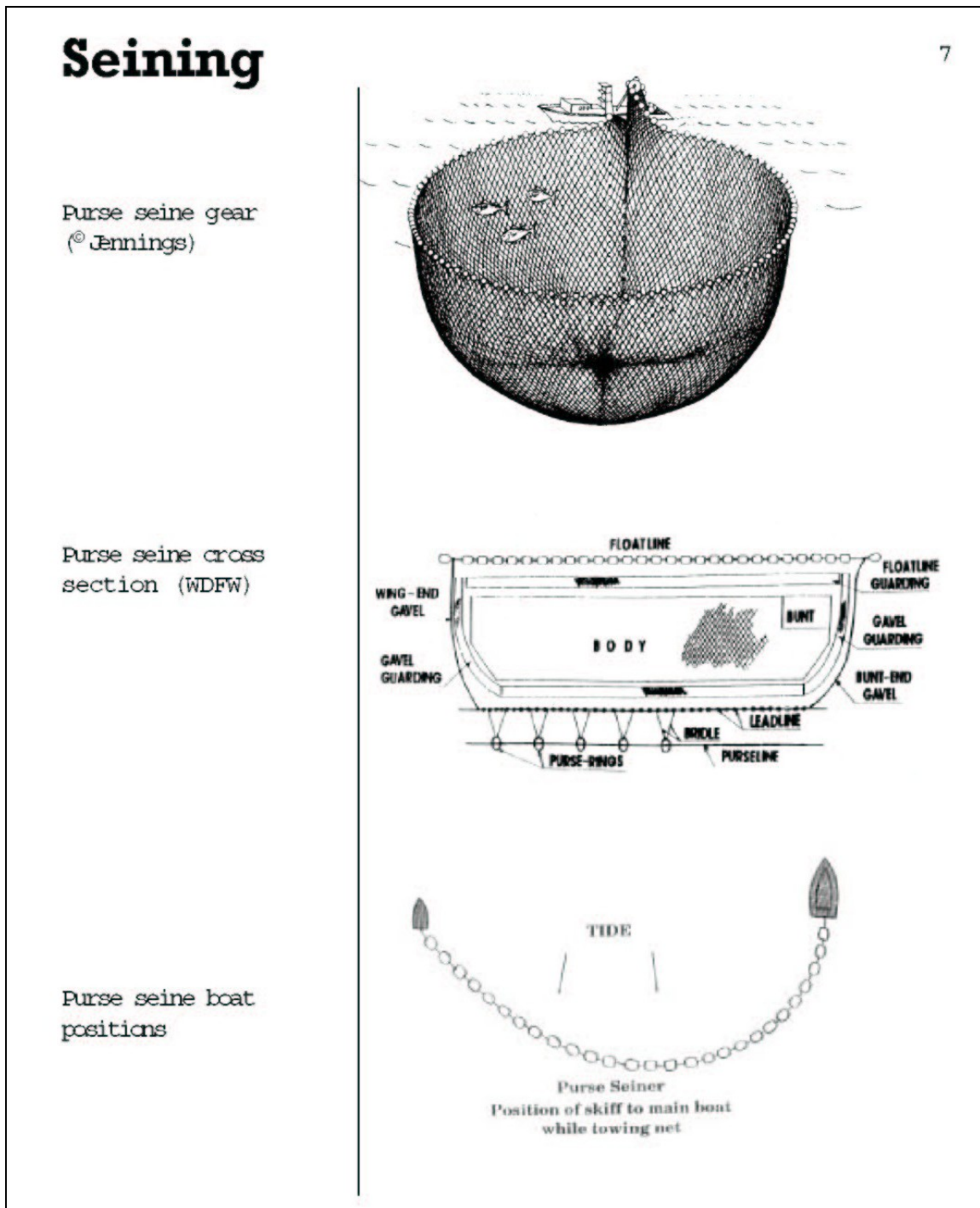


Figure 3-12: Seine gear design (copyrighted images are used by permission and may not be reproduced).



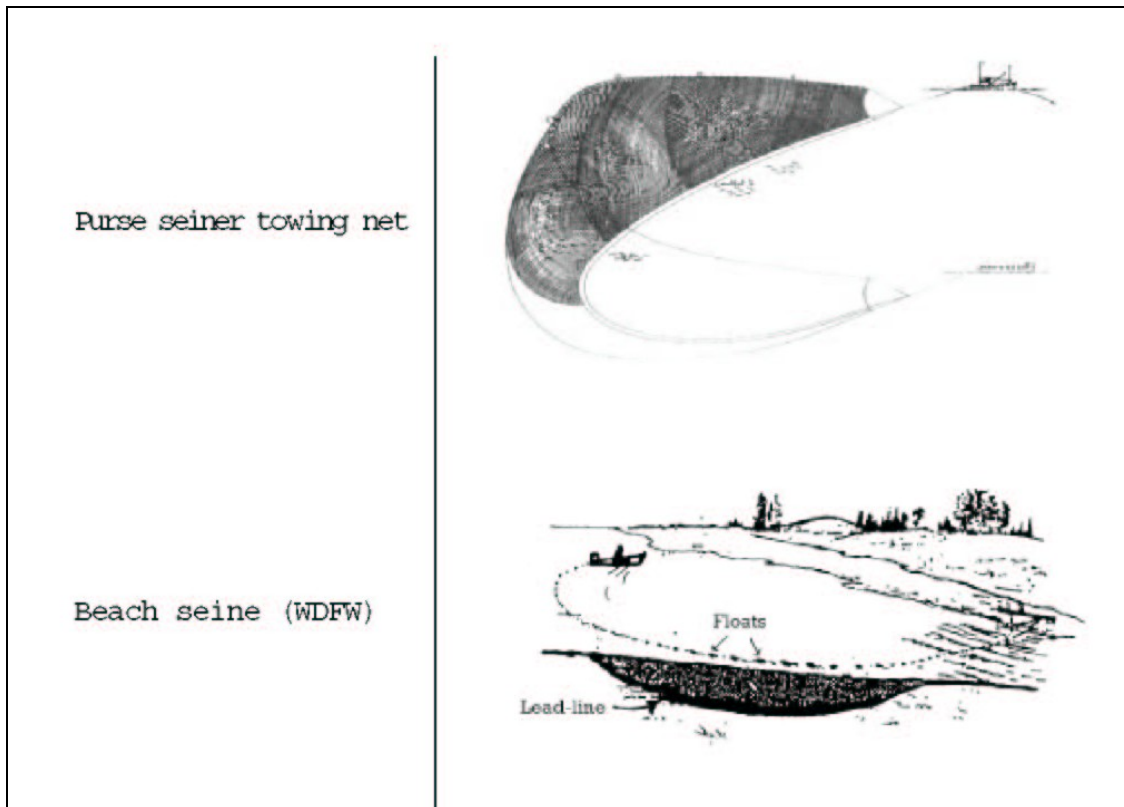


Figure 3-13: Seine gear design (copyrighted images are used by permission and may not be reproduced).

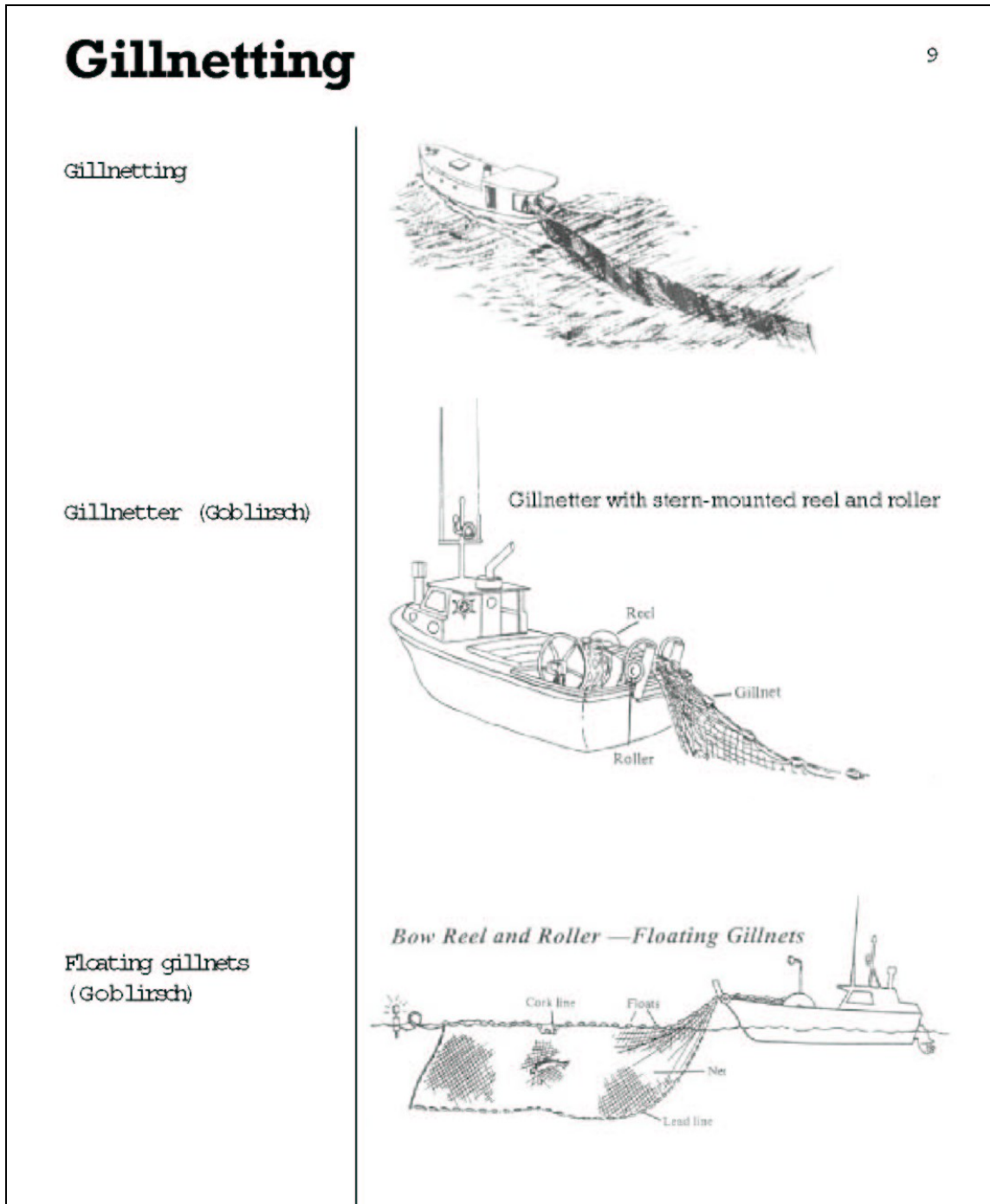


Figure 3-14: Gillnets (copyrighted images are used by permission and may not be reproduced).

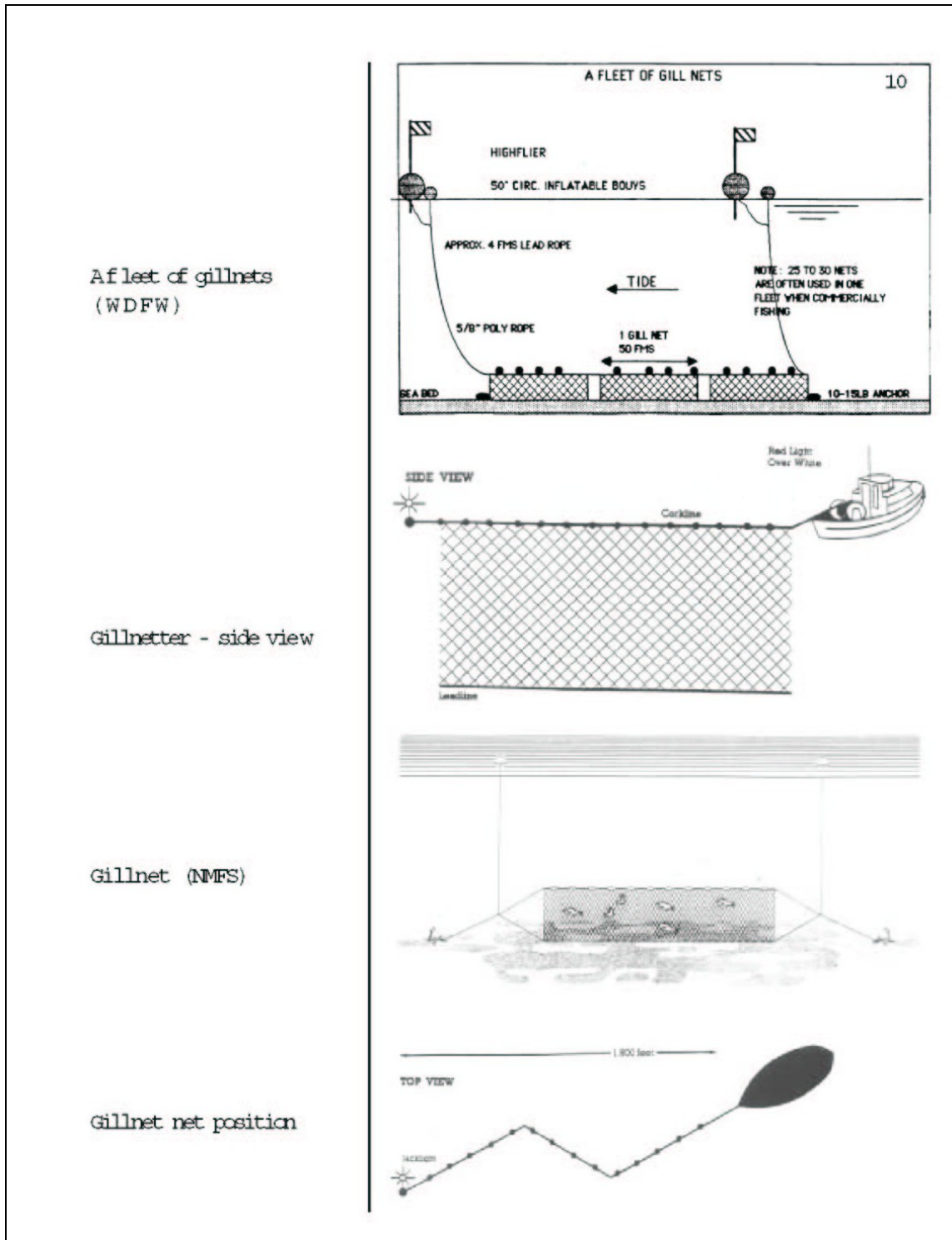


Figure 3-15: Gillnet design (copyrighted images are used by permission and may not be reproduced).

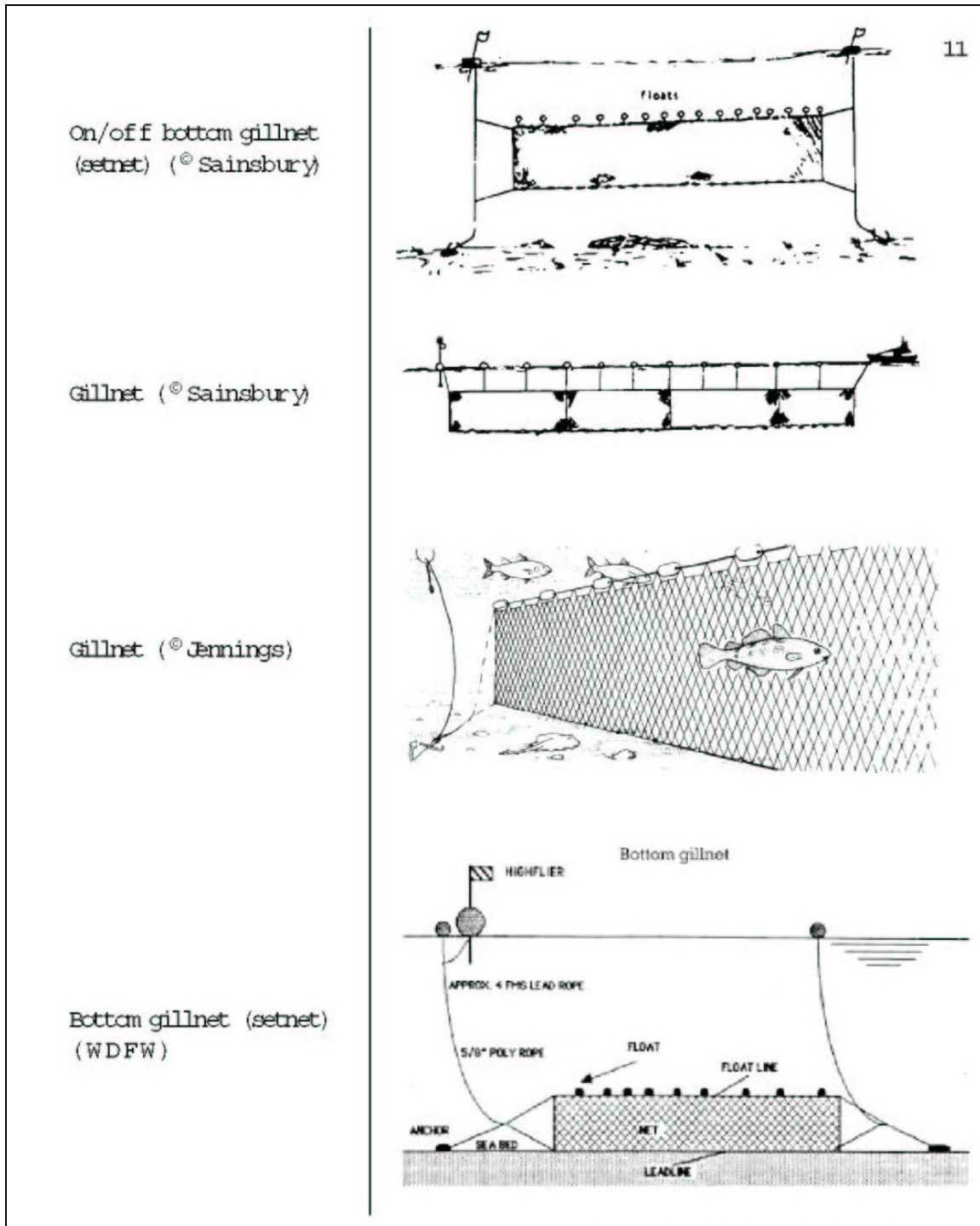
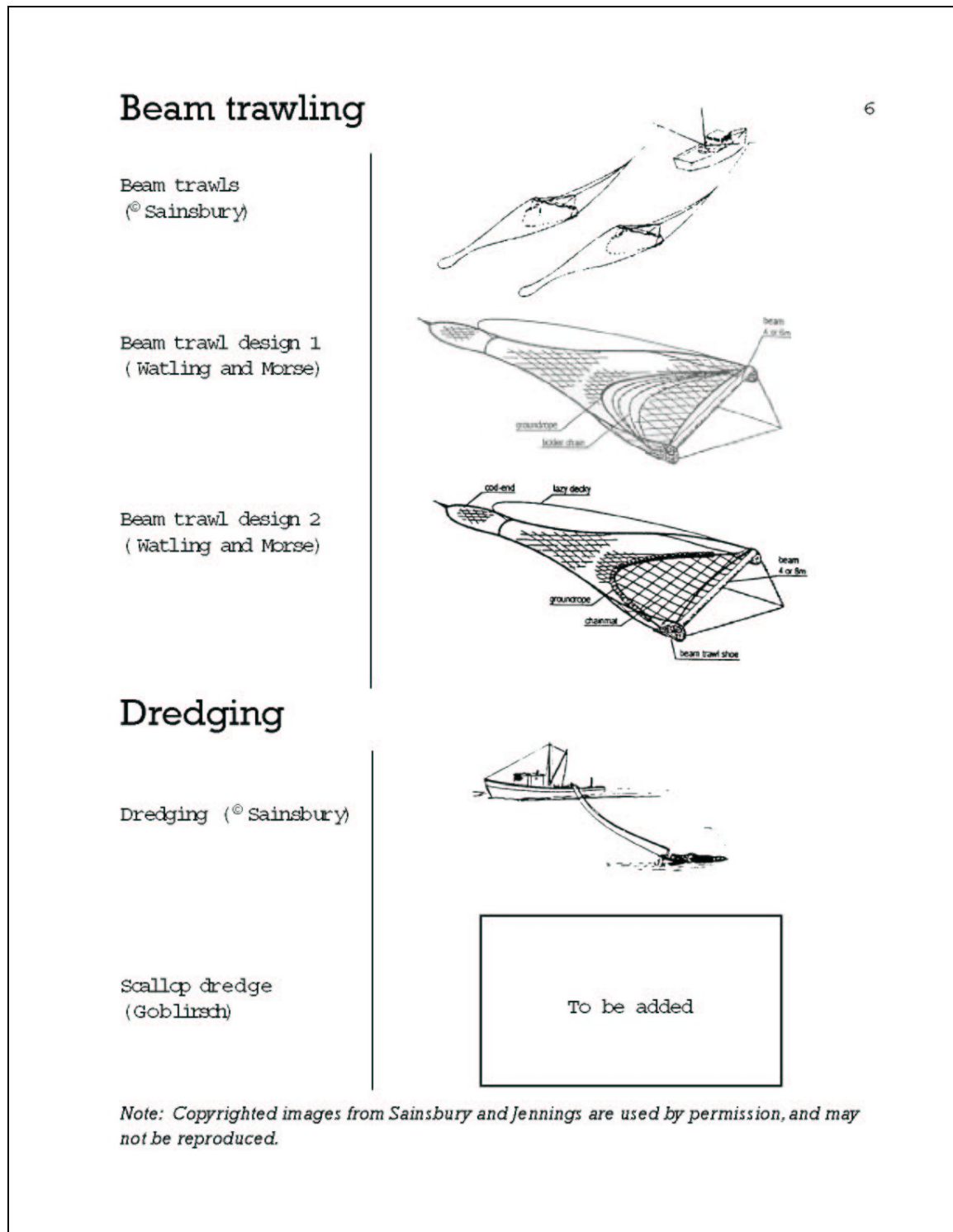


Figure 3-16: Gillnet design (copyrighted images are used by permission and may not be reproduced).



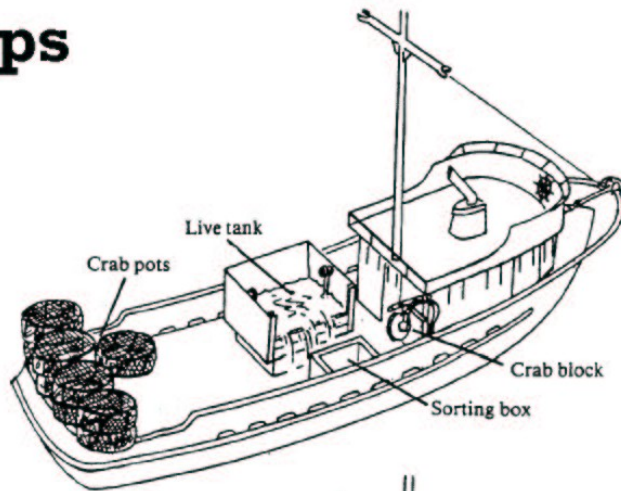


**Figure 3-17: Beam trawl and dredge gear (copyrighted images are used by permission and may not be reproduced).**

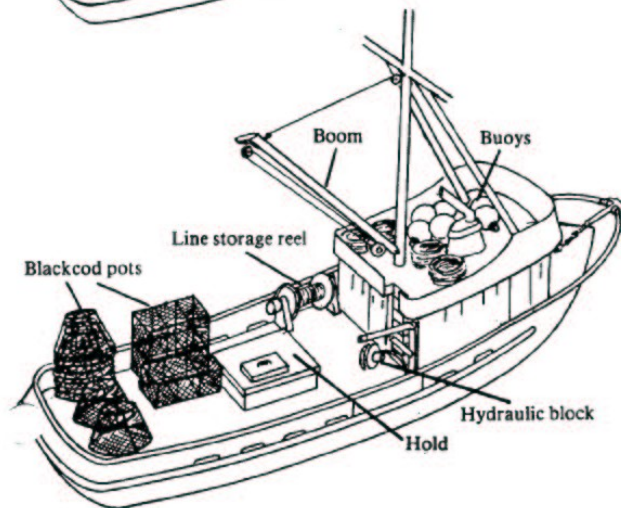
## Pots and traps

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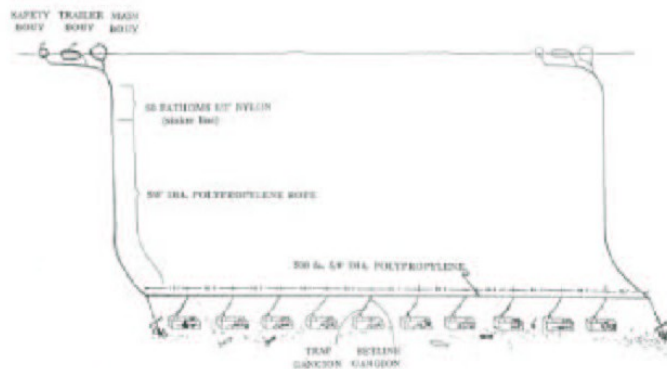
Crabber (Goblirsch)



Longliner using pots  
(Goblirsch)



Bottomfish trap (pot)  
gear (WDFW)



**Figure 3-18: Pot and trap gear (copyrighted images are used by permission and may not be reproduced).**

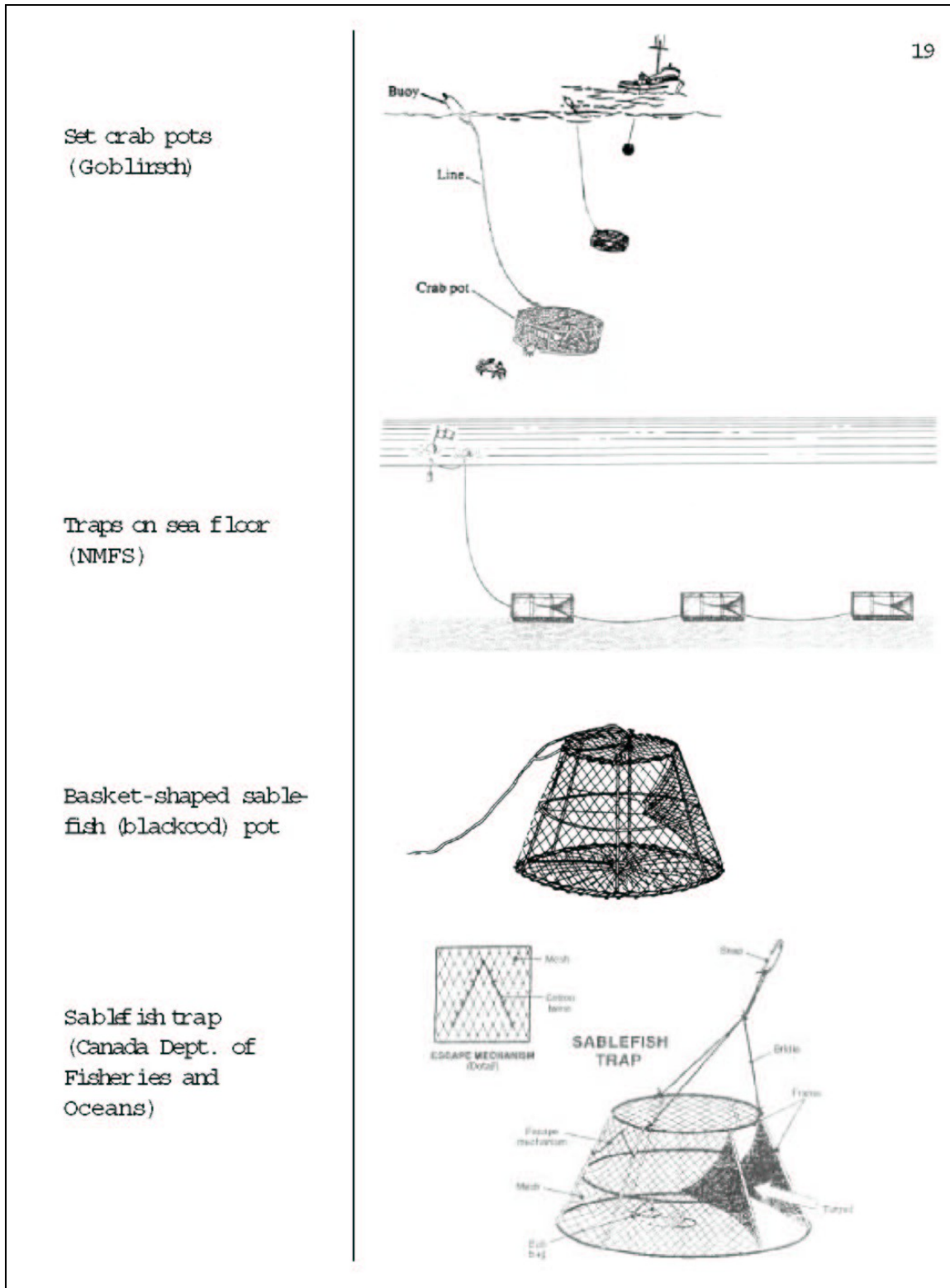
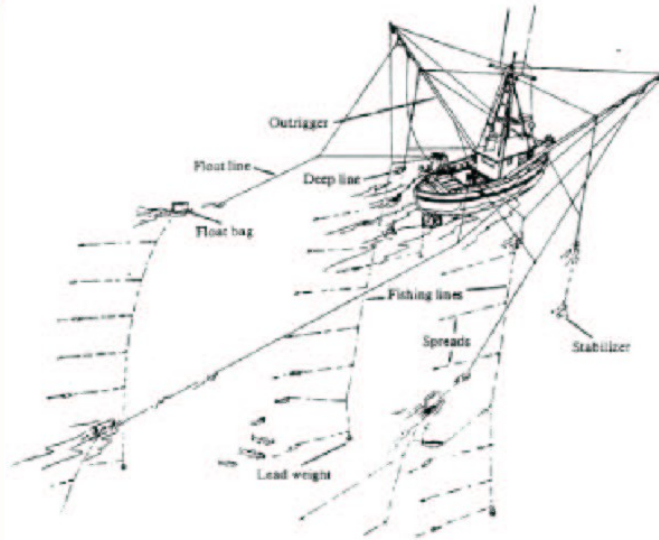


Figure 3-18: Pot and trap gear (continued)(copyrighted images are used by permission and may not be reproduced).

# Trolling

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Trolling (Goblirsch)



Salmon troller  
(Goblirsch)

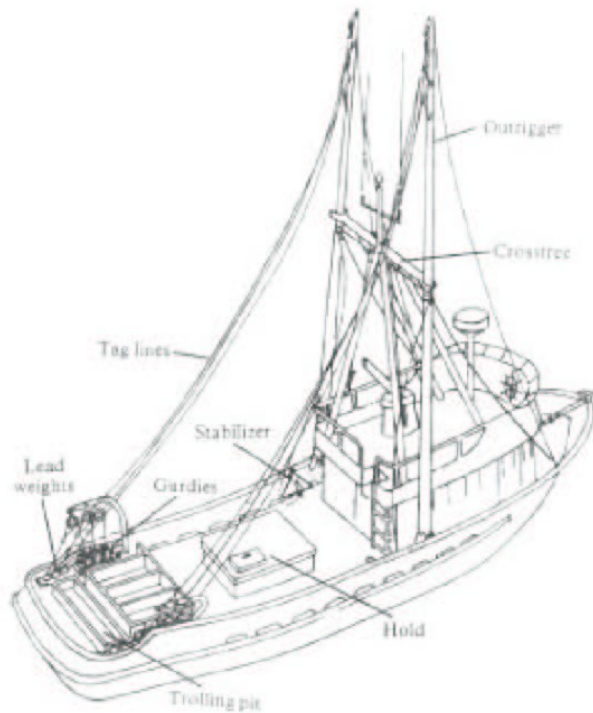
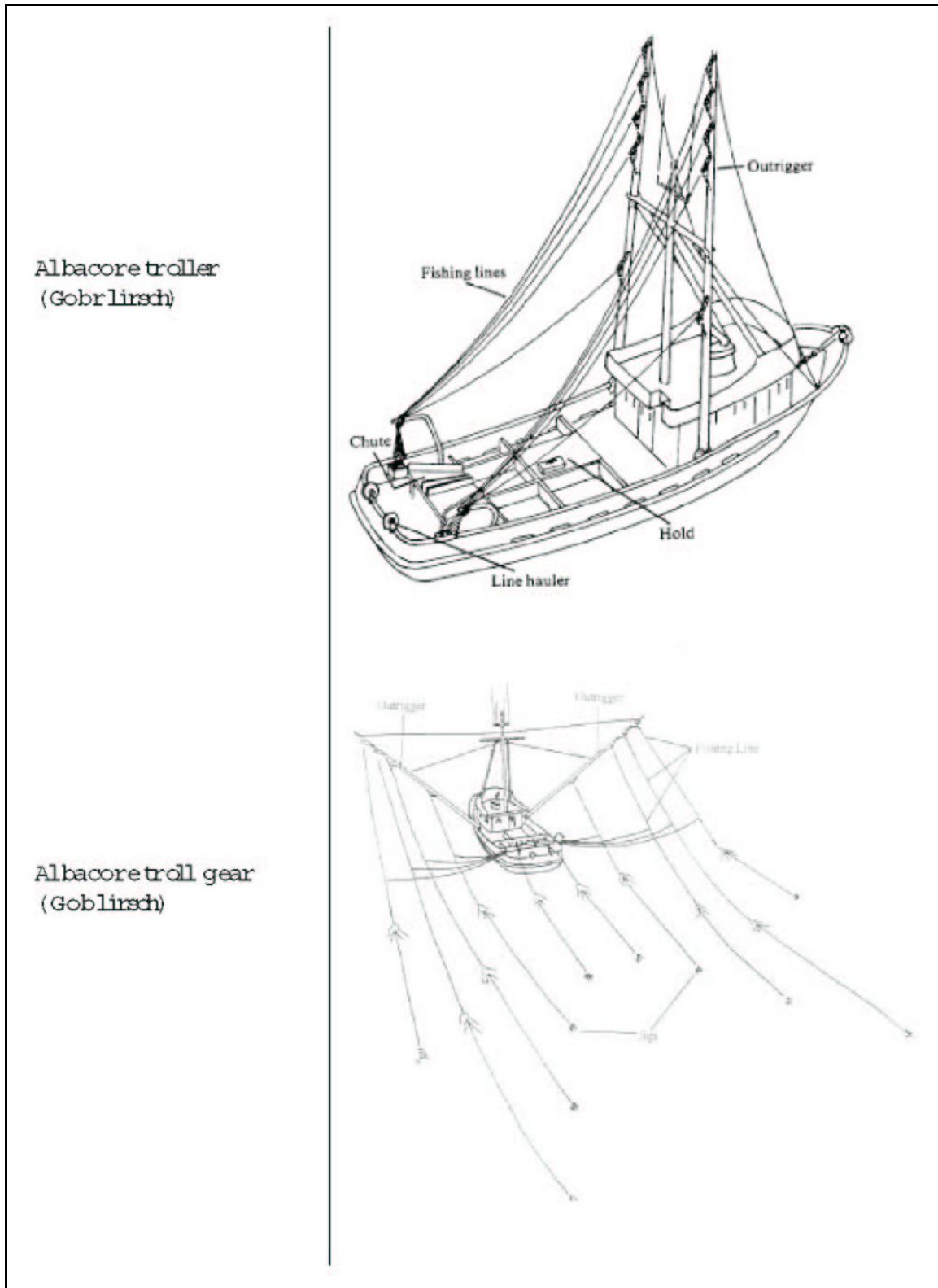


Figure 3-19: Troll gear (copyrighted images are used by permission and may not be reproduced).





**Figure 3-19: Troll gear (continued)(copyrighted images are used by permission and may not be reproduced).**

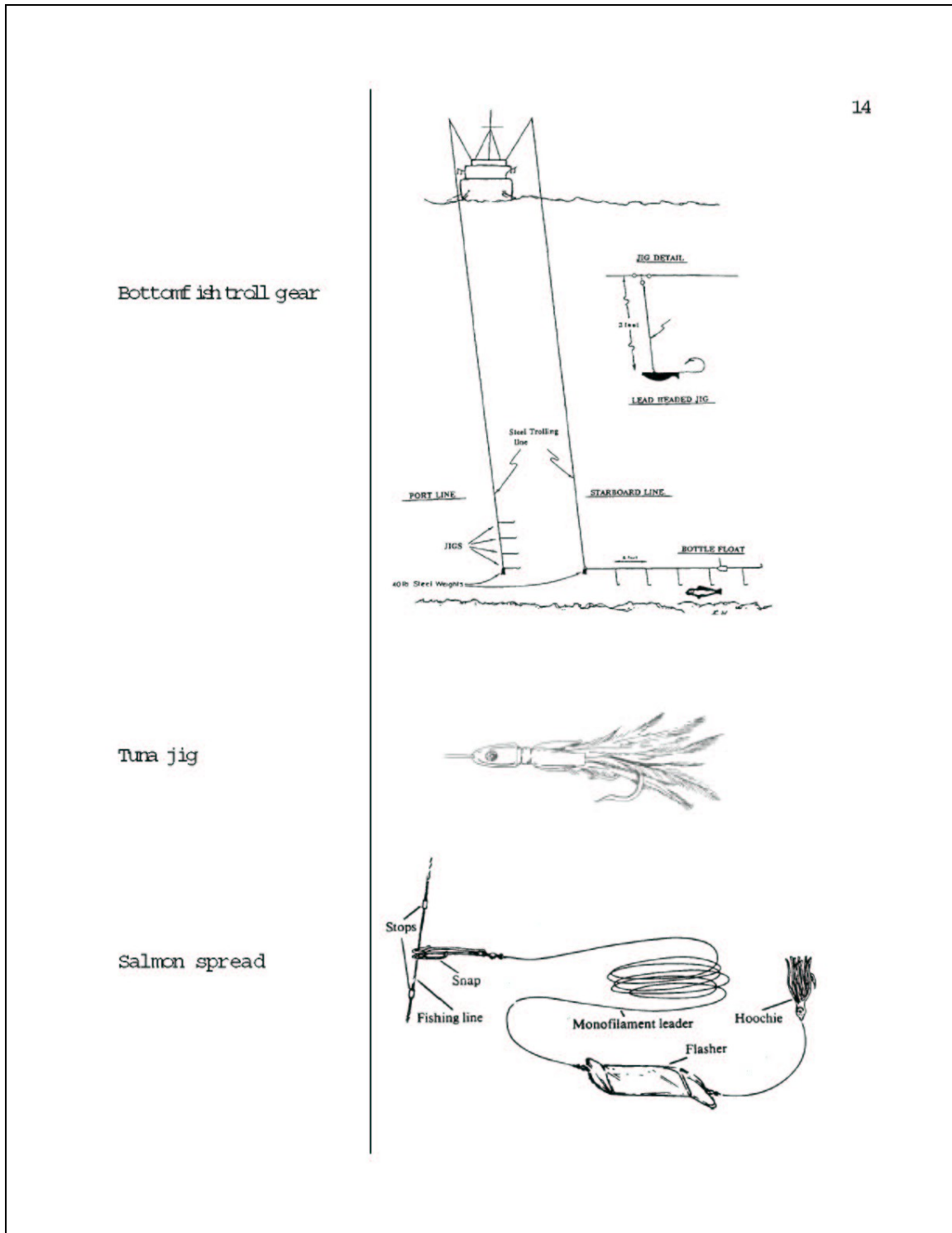
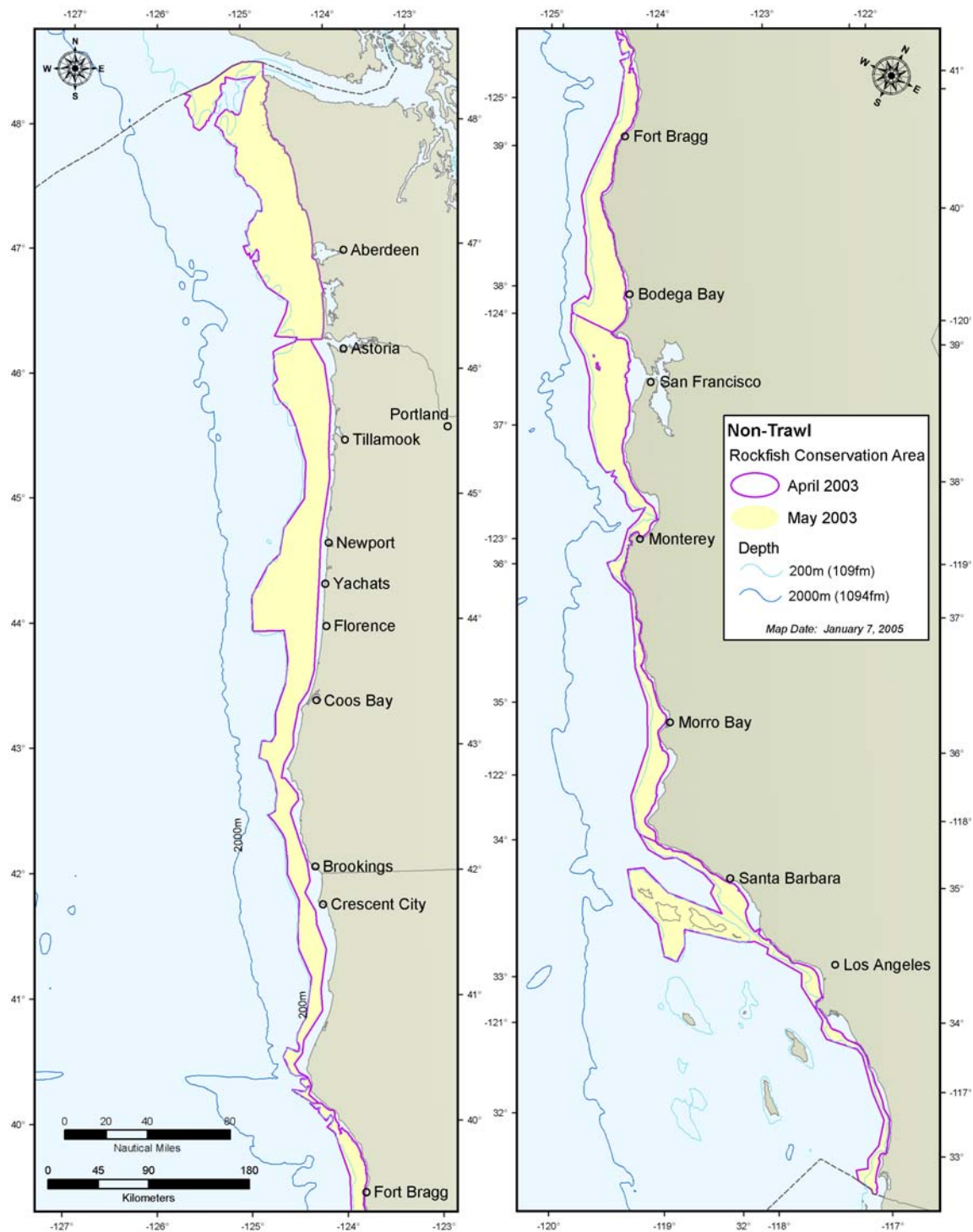
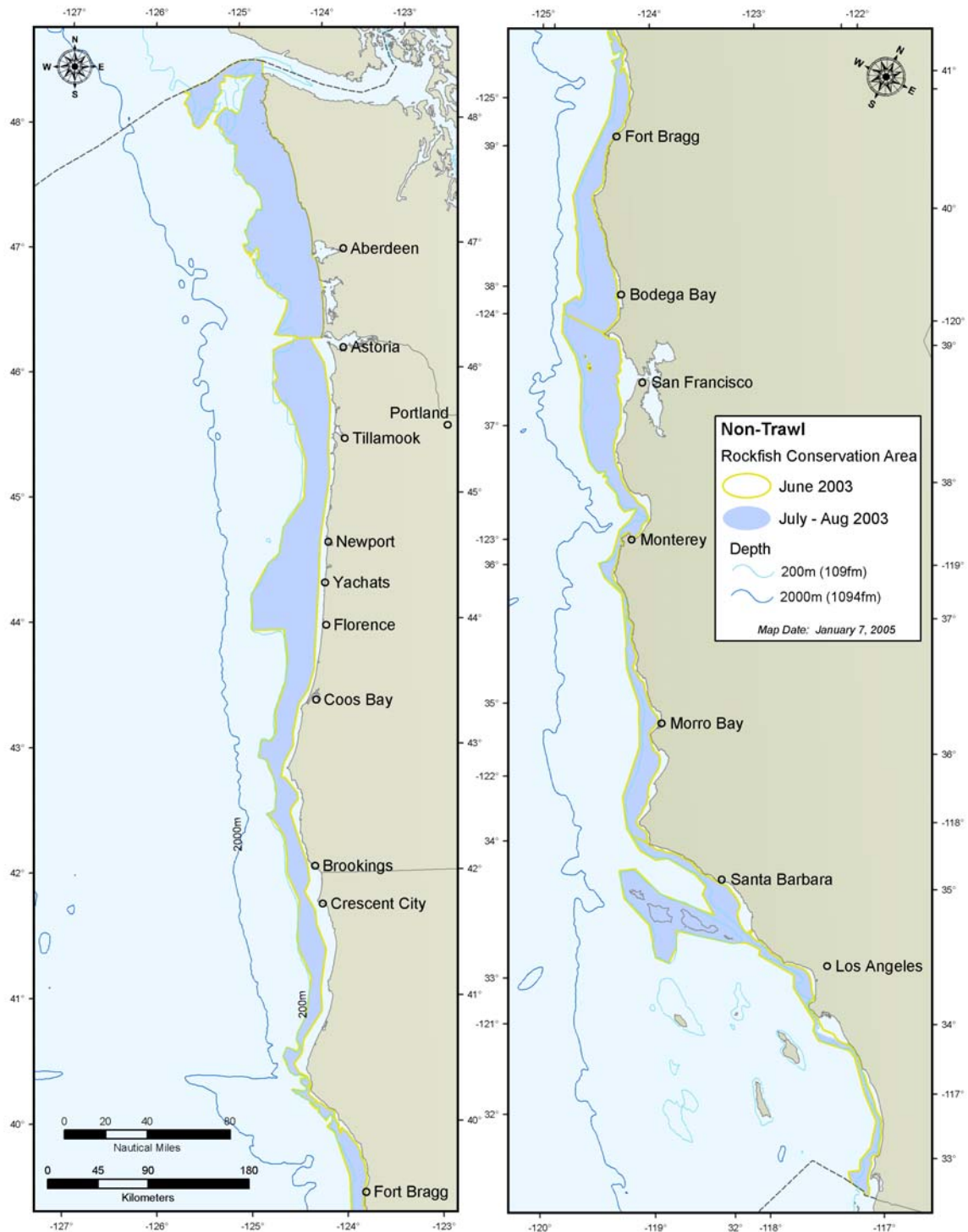


Figure 3-19: Troll gear (continued)(copyrighted images are used by permission and may not be reproduced).

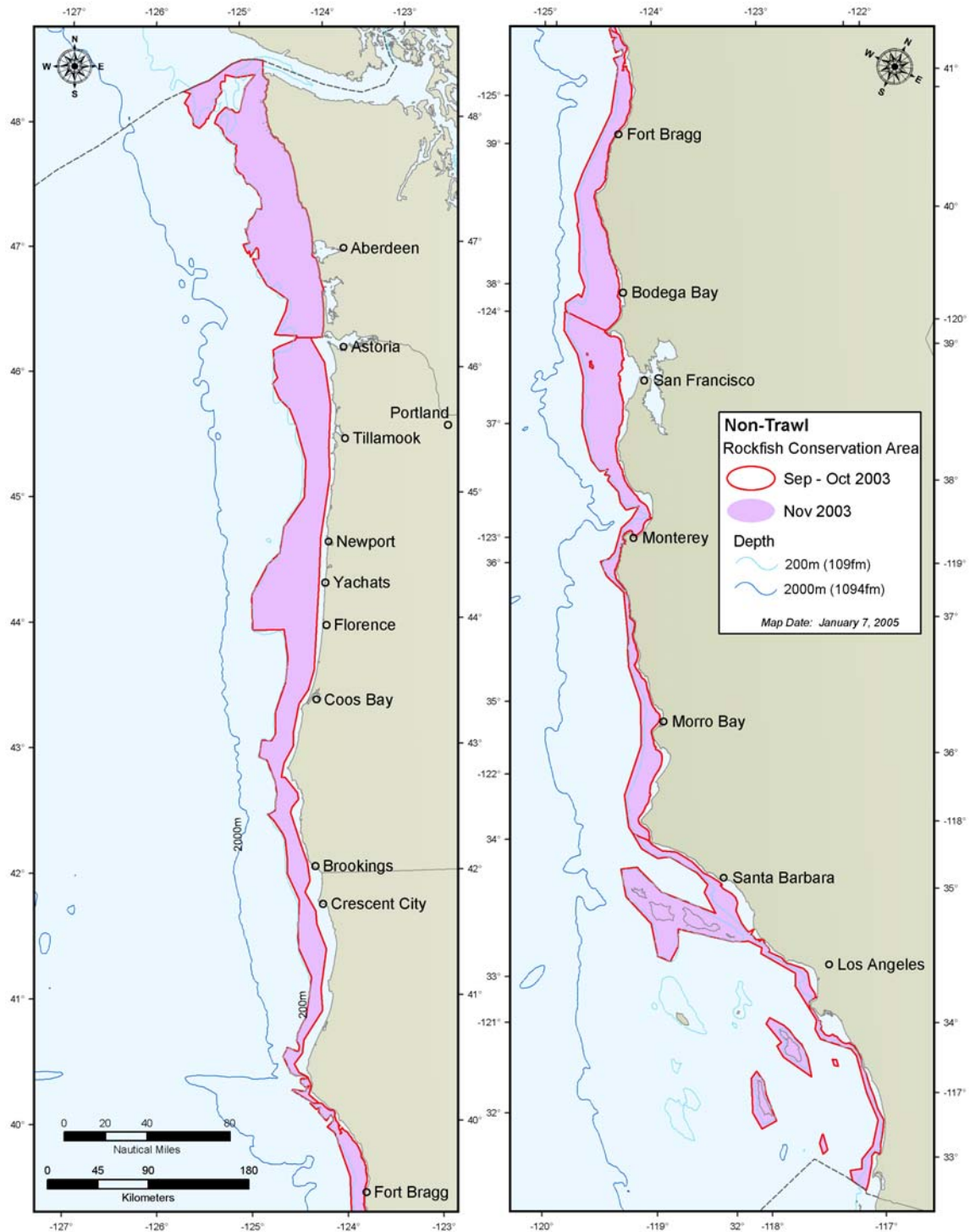


**Figure 3-20: Rockfish Conservation Area non-trawl April-May 2003**



**Figure 3-21: Rockfish Conservation Area non-trawl June-August 2003**





**Figure 3-22: Rockfish Conservation Area non-trawl September-November 2003**

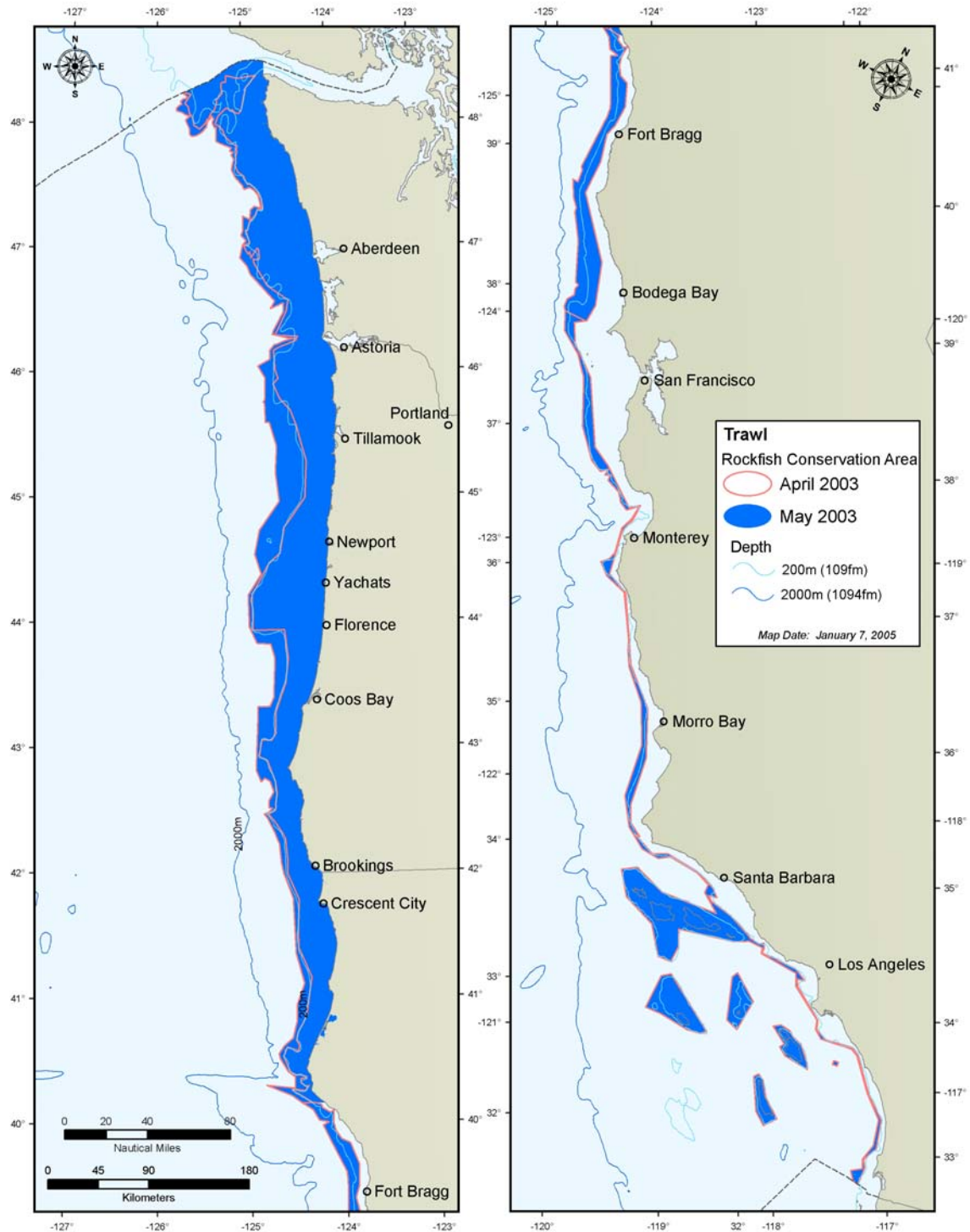


Figure 3-23: Rockfish Conservation Area trawl April-May 2003

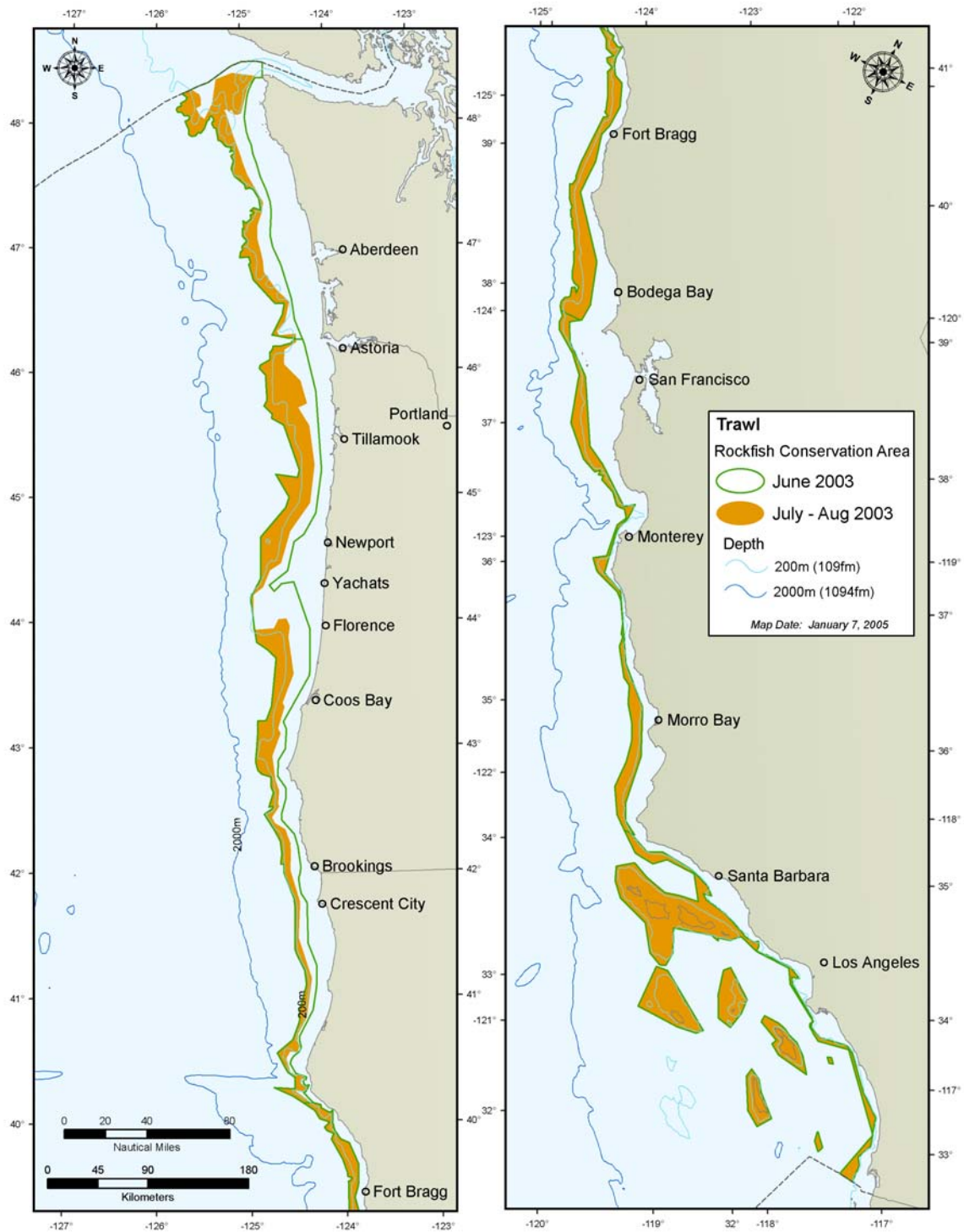


Figure 3-24: Rockfish Conservation Area trawl June-August 2003

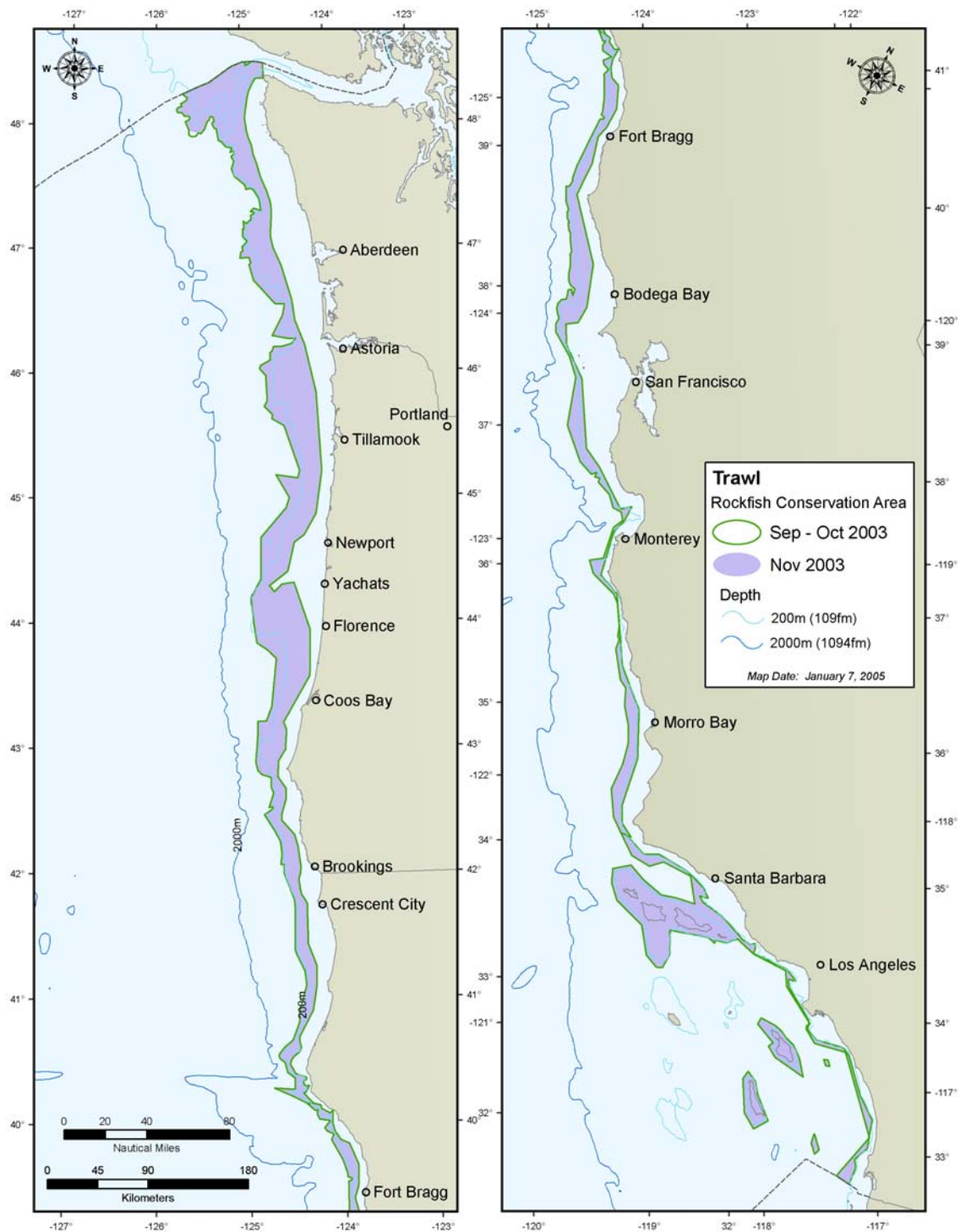
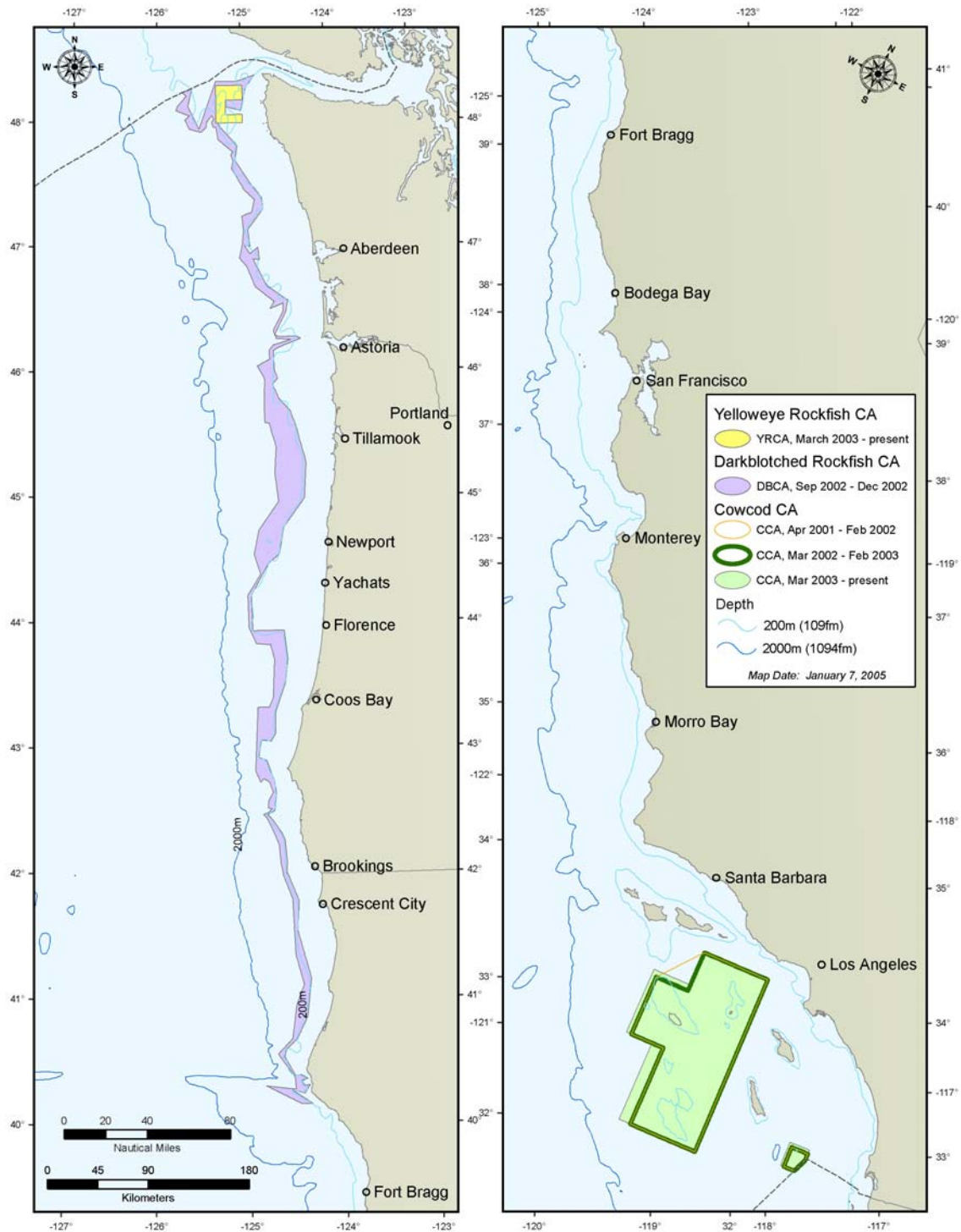


Figure 3-25: Rockfish Conservation Area trawl September-November 2003





**Figure 3-26: Yelloweye Rockfish Conservation Area, Darkblotched Rockfish Conservation Area, Cowcod Conservation Area**

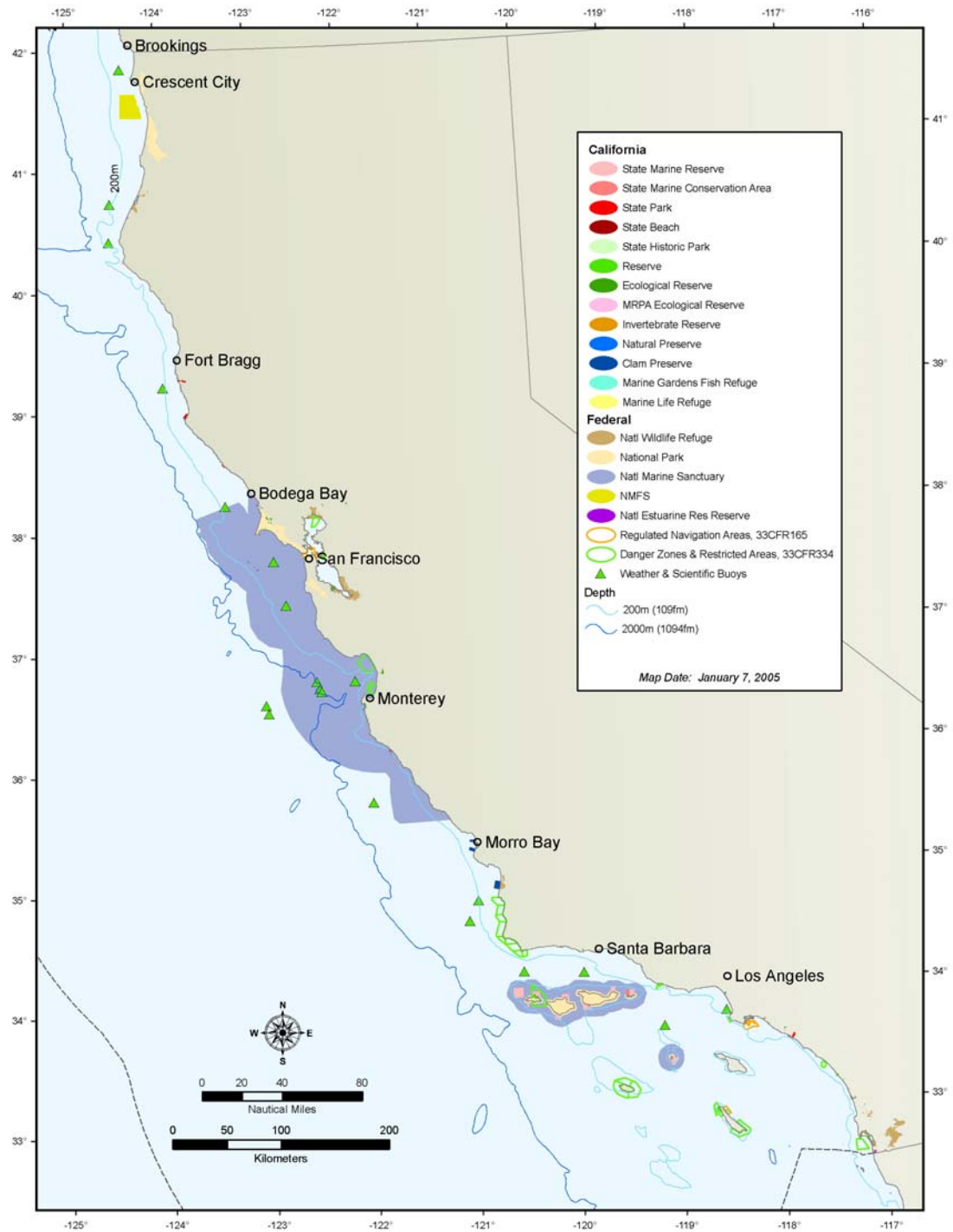


Figure 3-27: Marine Managed Areas - California

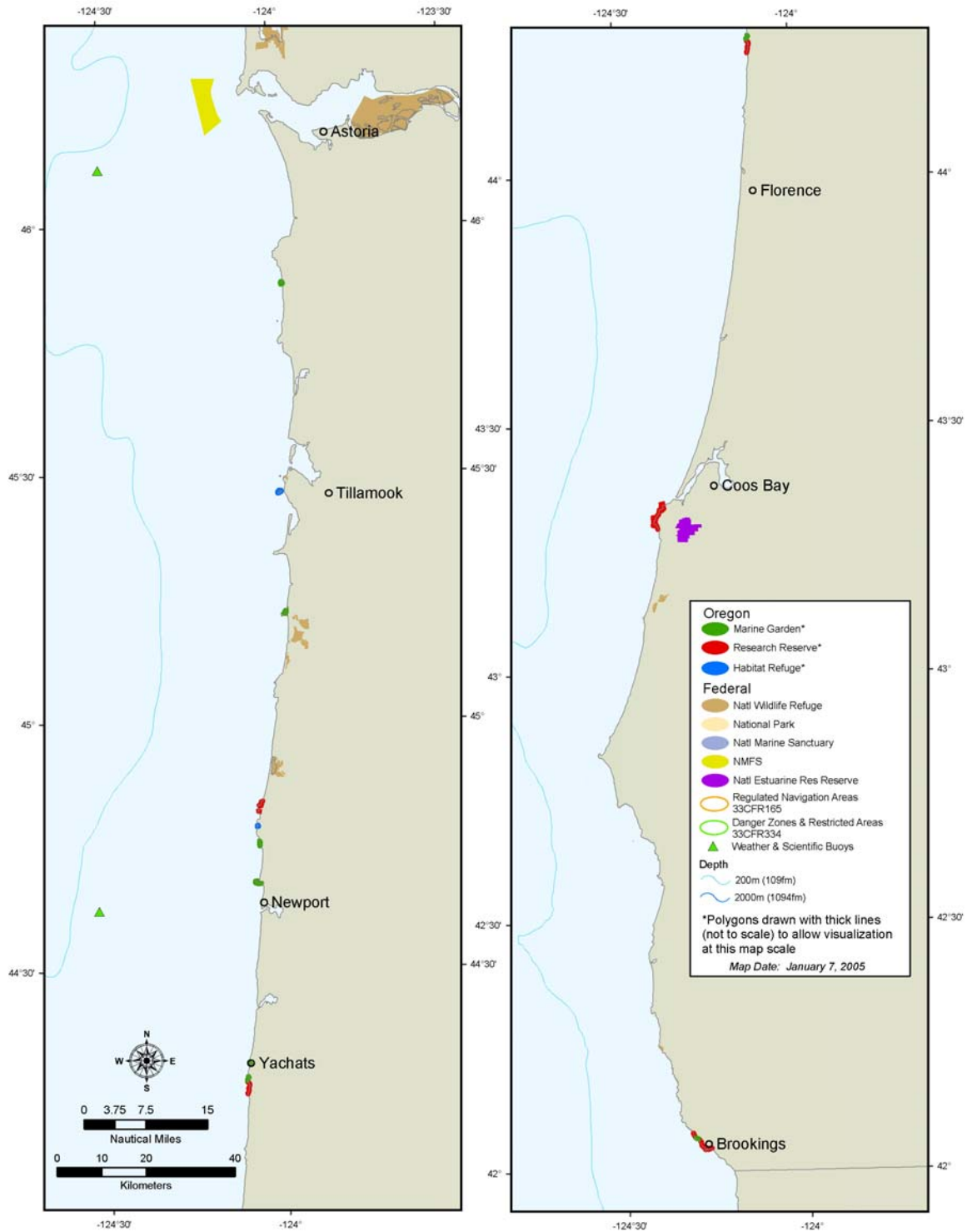


Figure 3-28: Marine Managed Areas - Oregon

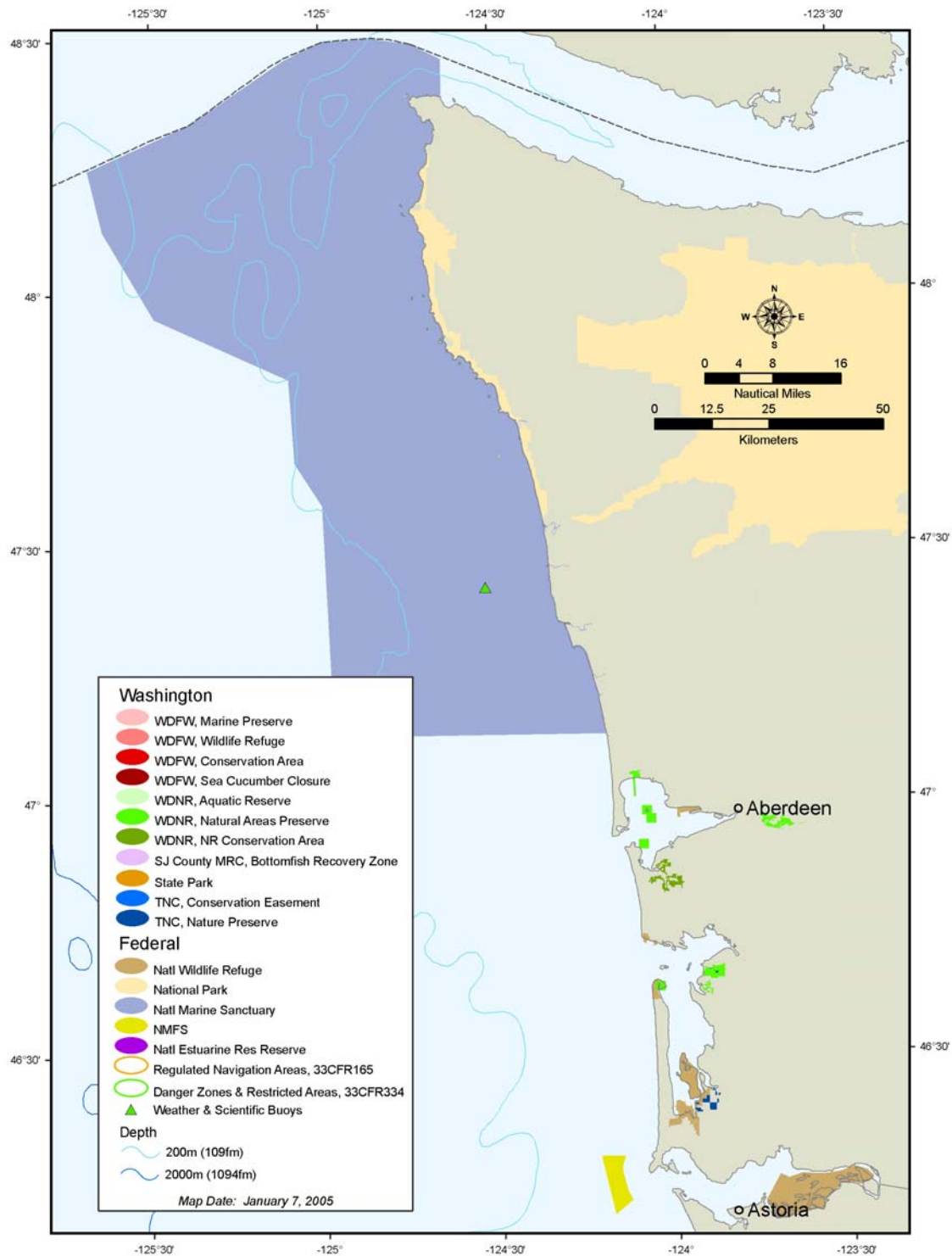


Figure 3-29: Marine Managed Areas – Washington, Outer Coast



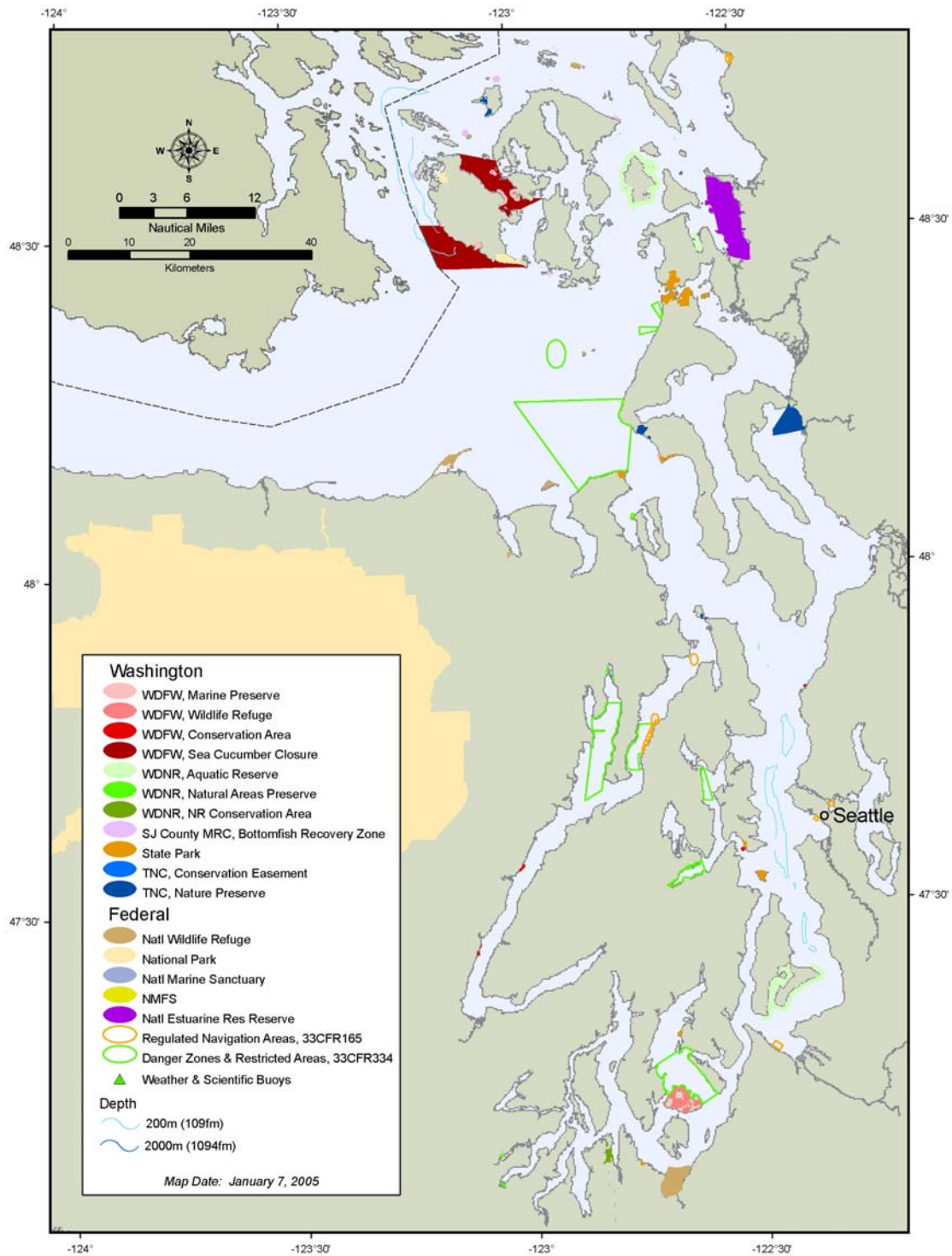


Figure 3-30: Marine Managed Areas - Washington, Puget Sound

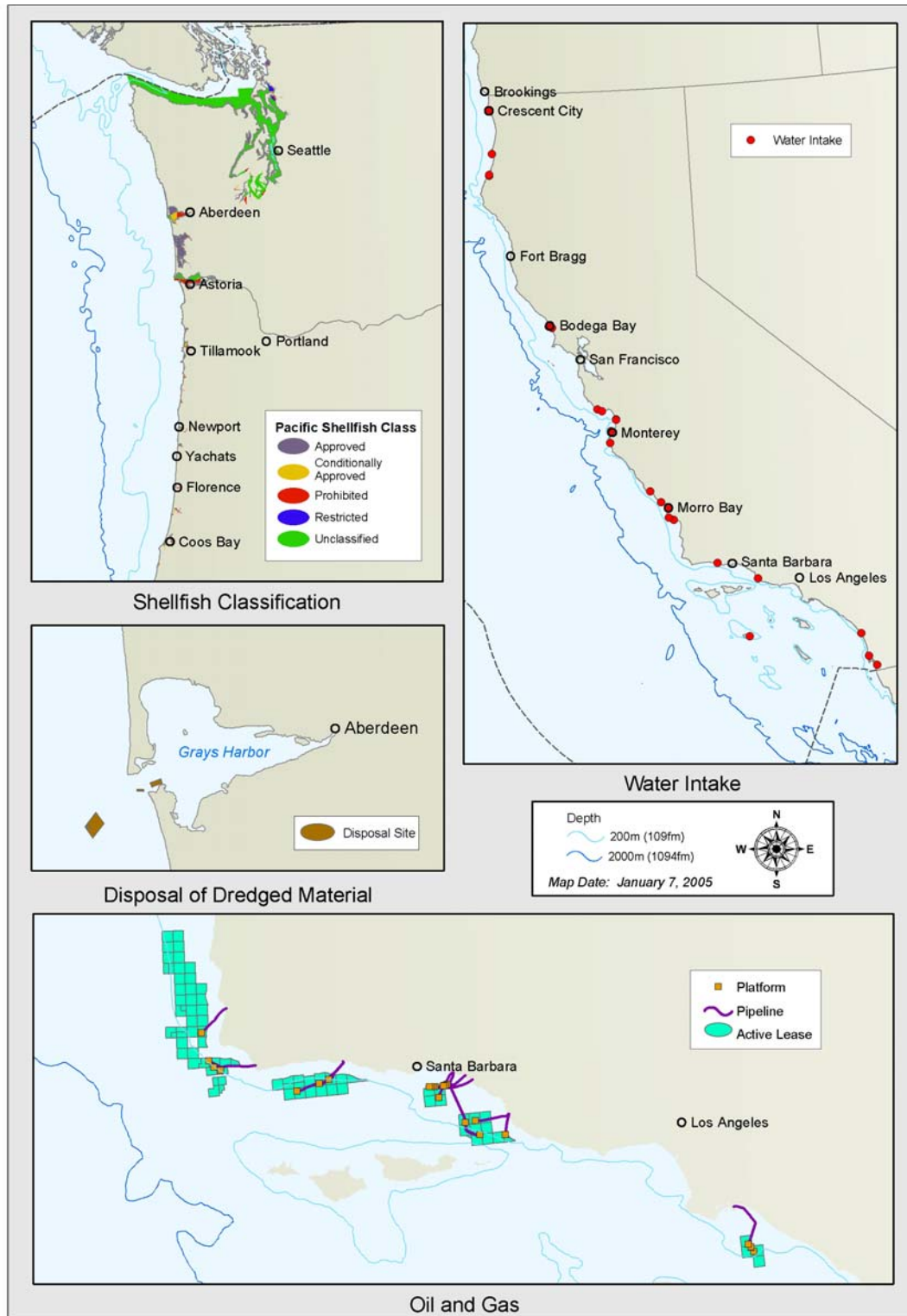


Figure 3-31: Non-fishing activities

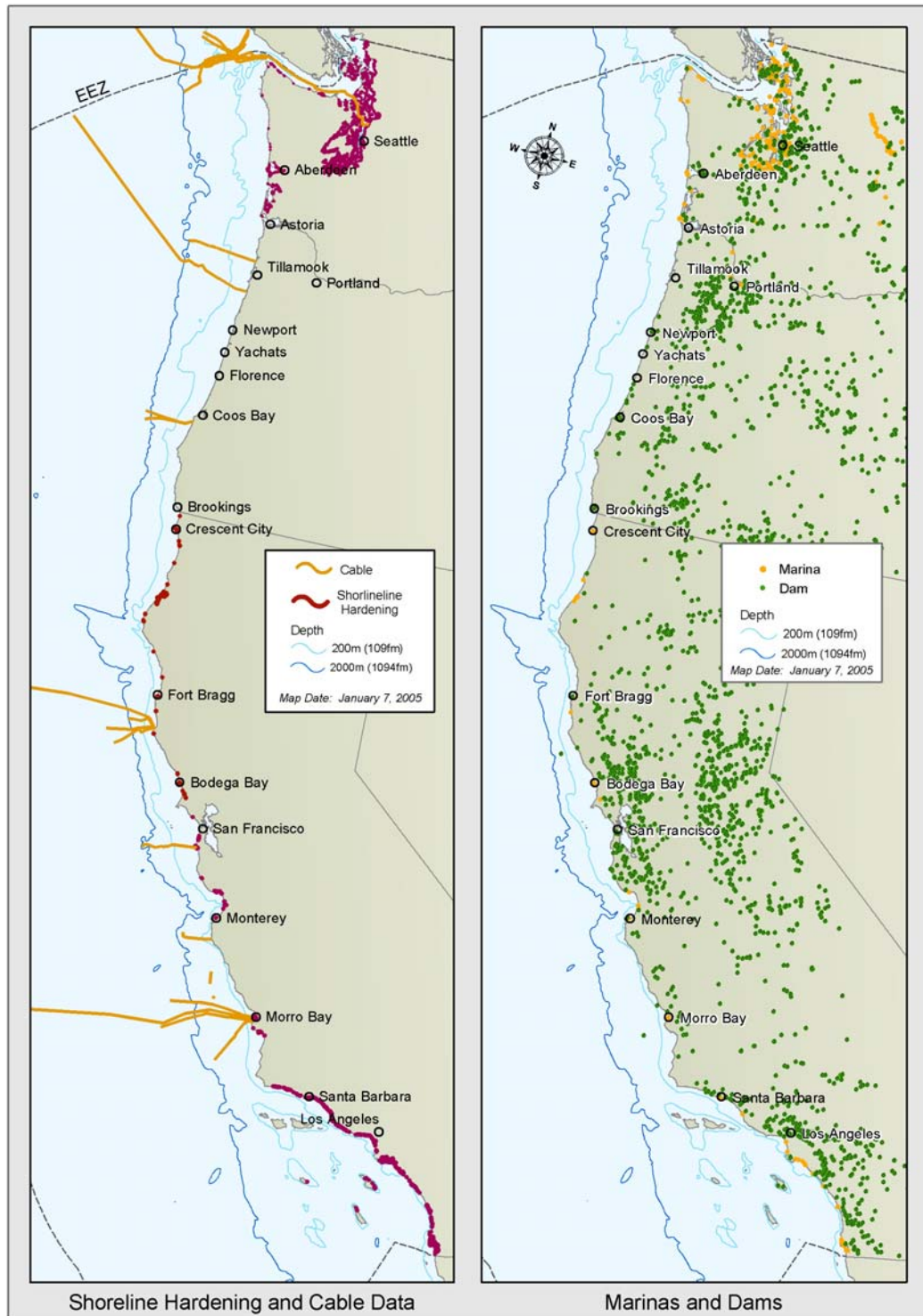


Figure 3-32: Non-fishing activities

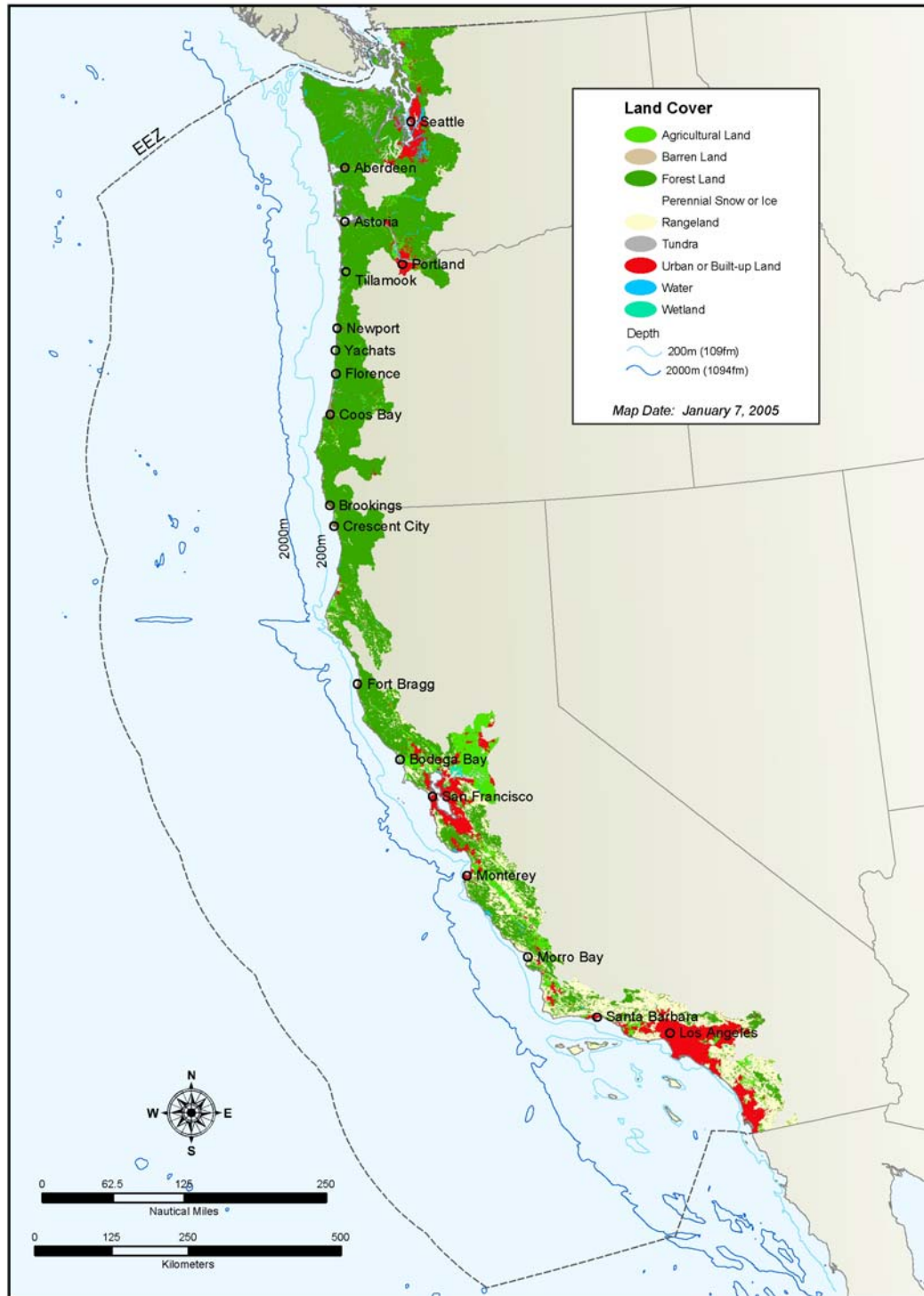


Figure 3-33: Non-fishing activities



## Chapter 3 Figures

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Figure 3-27: Marine Managed Areas - California

Figure 3-28: Marine Managed Areas - Oregon

Figure 3-29: Marine Managed Areas – Washington, Outer Coast

Figure 3-30: Marine Managed Areas - Washington, Puget Sound

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